

IMMUNOHISTOCHEMISTRY PRODUCTS CATALOGUE 2021

About Vitro S.A

We are a Spanish corporate group specialized in the development, manufacture and distribution of equipment, software and reagents for in-vitro diagnosis (IVD) through the application of techniques based on non-invasive tests, such as immunohistochemistry and molecular biology techniques. We commercialize a broad portfolio of primary antibodies and universal detection systems for Immunohistochemistry, and in the field of molecular diagnostic, the Company offers a panel of multiplex PCR kits (CE-IVD) based on proprietary DNA-FLOW Technology, for HPV genotyping and for the identification of both pathogens and antibiotic resistance markers responsible of different infectious diseases: bloodstream infections, STD, Respiratory Viruses and Tick-Borne bacteria.

We are committed to technological innovation and personalized treatment, offering the best IVD diagnosis solutions in different areas. Our goal is to improve the health of each patient, and to achieve it we work under high quality standards, seeking the excellence of our products and services. We have a highly committed and qualified human team to offer the best service and most efficient and accurate diagnostic solutions, adapted to each client.

Vitro, S.A. declares, under its sole responsibility that the products to which this Declaration relates in each case and according to applicability with the directives complies with the Standards or Normative Documents detailed below.

Directive 98/79/EC of the European Parliament and of the Council of 27 October 1998 on in vitro diagnostic medical devices. Vitro ensures and declares that all the manufactured CE marked products comply with the essential requirements of the EC-Directive which apply to them. All the products are classified in accordance with Annex III. This catalog is based on the implementation of the Quality System approved for the design, manufacture and final inspection of the products concerned, in accordance with the EC-Directive.

ISO 9001: *Quality management systems. Requirements.*

ISO 13485: *Medical devices. Quality management systems. Requirements for regulatory purposes.*

ISO 14971: *Medical devices. Application of risk management to medical devices.*

About our Immunohistochemistry

Vitro (Master Diagnóstica™) produces and sells a complete portfolio of immunohistochemically diagnostic products including primary antibodies, ultra-sensitive micro polymer-based universal detection systems and auxiliary reagents. We also offer the possibility of complete automation of the entire immunostaining process (MD-Stainer equipment).

Our catalog has a wide range of top quality primary antibodies optimized for pathological diagnosis on tissue sections fixed in buffered formalin and paraffin embedded. We supply our products to Pathology Laboratories, both public and private, as well as to Research Centers.

The catalog consists in about 350 antibodies to cover the vast majority of antigenic markers of diagnostic and prognostic relevance. They are presented grouped by panels for different pathologies by organs or systems.

We have a team of pathologists and experts who work daily to be at the forefront of our client's challenges and needs.

Take Note:

We have several presentations for the antibodies (prediluted RTU and concentrated) that suit the needs of each client. For more information do not hesitate to contact us.

In the content of antibodies, the staining patterns are as follows:

STAINING PATTERN: N – Nuclear; C – Cytoplasmic; M - Membrane; I - Interstitial

In the content of antibodies, the status can be:

- **“RUO” - Means “Research use Only”: Not intended for diagnostic use.**
- **“IVD” - Means “CE-IVD”: Products intended for in vitro diagnostic use and conforming European Directive (98/79/EC).**

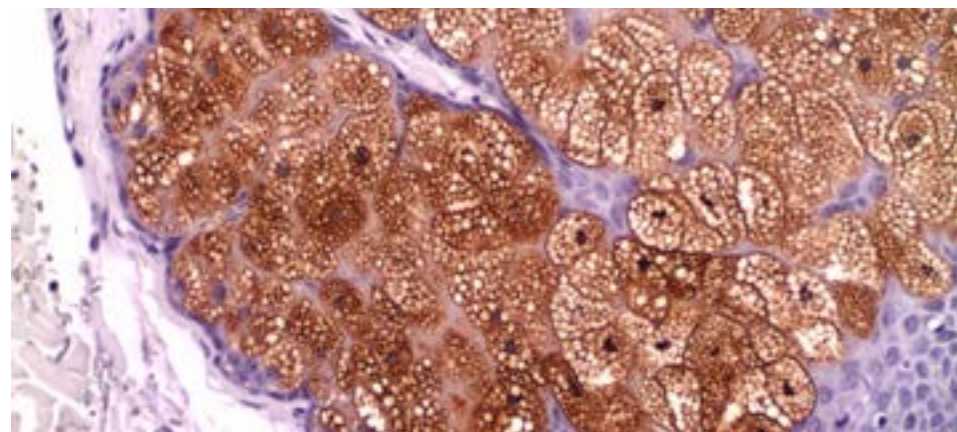
Recommended positive controls for each marker are indicated and recommended according to our validation and following the available bibliography. Each laboratory is free to choose the controls it considers for its validations.

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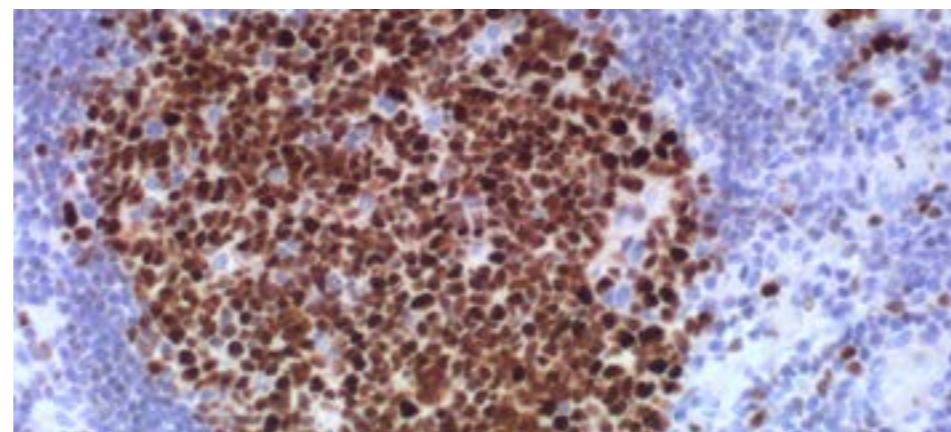
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Primary Antibodies

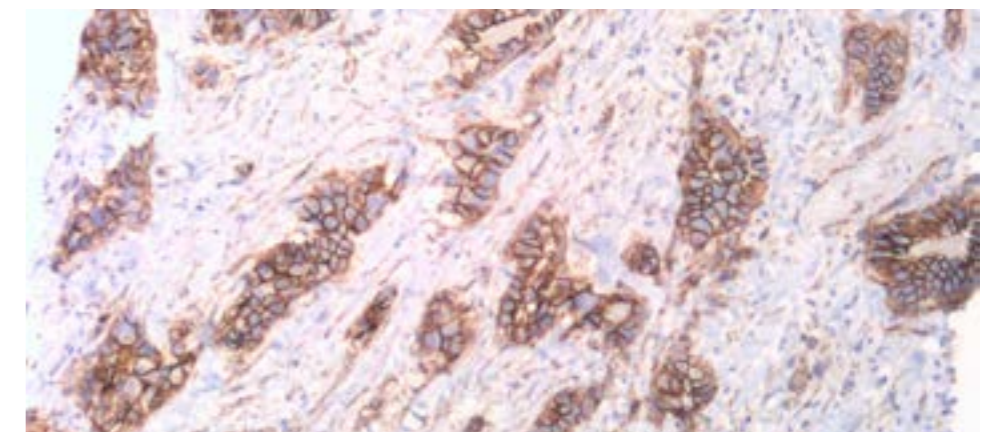
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-005138QD	ACTH (Adrenocorticotrophic Hormone) (Polyclonal)	Polyclonal	Rabbit	IVD	HYPOPHYSIS	C
MAD-005860QD	Actin, Muscle Specific (HHF35)	HHF35	Mouse	IVD	NORMAL COLON	C
MAD-000627QD	Adipophilin (Polyclonal)	Polyclonal	Rabbit	IVD	SKIN	C
MAD-000611QD	ALDH1A1 (Polyclonal) *	Polyclonal	Rabbit	IVD	STOMACH	C
MAD-001720QD	ALK/P80 (5A4)	5A4	Mouse	IVD	ANAPLASTIC LYMPHOMA	C+N
MAD-001215QD	Alpha-1 Antitrypsin (Polyclonal) *	Polyclonal	Rabbit	IVD	TONSIL	C
MAD-001213QD	Alpha-1 Antichymotrypsin (Polyclonal)	Polyclonal	Rabbit	IVD	TONSIL	C
MAD-000599QD	Alpha-Fetoprotein (EP209)	EP209	Rabbit	IVD	TESTICULAR TUMOR	C
MAD-000305QD	AMACR / p504S (13H4)	13H4	Rabbit	IVD	NORMAL KIDNEY/PROSTATE TUMOR	C
MAD-005211QD	Amyloid A (MC1)	MC1	Mouse	IVD	KIDNEY AMYLOIDOSIS	I
MAD-000443QD	Amyloid P (EP1018Y)	EP1018Y	Rabbit	IVD	MEDULLARY CARCINOMA	I
MAD-000710QD	Androgen Receptor (SP107)	SP107	Rabbit	IVD	PROSTATE	N
MAD-000425QD	Anexin A1 (29)	29	Mouse	IVD	NORMAL SPLEEN	C
MAD-000667QD	ARG-1 (EP261)	EP261	Rabbit	IVD	NORMAL LIVER/HEPATOCARCINOMA	C+N
MAD-000782QD	ATRX (Polyclonal)	Polyclonal	Rabbit	IVD	ASTROCYTOMA	N
MAD-000675QD	Bcl-2 (EP36)	EP36	Rabbit	IVD	TONSIL	C
MAD-000638QD	Bcl-6 (LN22)	LN22	Mouse	IVD	TONSIL	N
MAD-000699QD	Beta Catenin-1 (EP35)	EP35	Rabbit	IVD	BREAST TUMOR	M/N
MAD-000711QD	BOB-1 (SP92)	SP92	Rabbit	IVD	TONSIL	N
MAD-000349QD	Borrelia Burgdorferi (Polyclonal) *	Polyclonal	Rabbit	IVD	BORRELIA INFECTED TISSUE	C
MAD-000767QD	BRG1 (EPNCIR111A)	EPNCIR111A	Rabbit	IVD	NORMAL OVARY	N
MAD-001122QD	BRST-1/BCA-225 (CU-18)	CU-18	Mouse	IVD	BREAST TUMOR	C
MAD-000742QD	BRST-2/GCDFP-15 (EP95)	EP95	Rabbit	IVD	BREAST TUMOR	C



Adipophilin (Polyclonal)

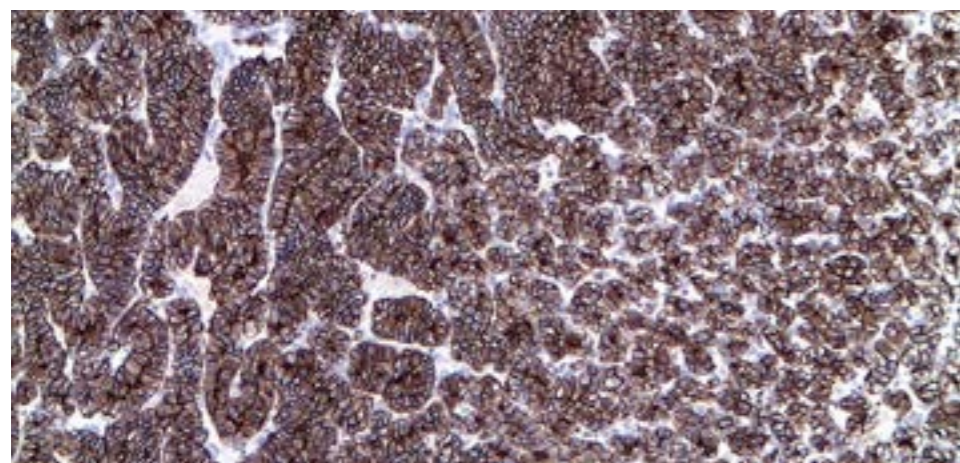


Bcl-6 (LN22)

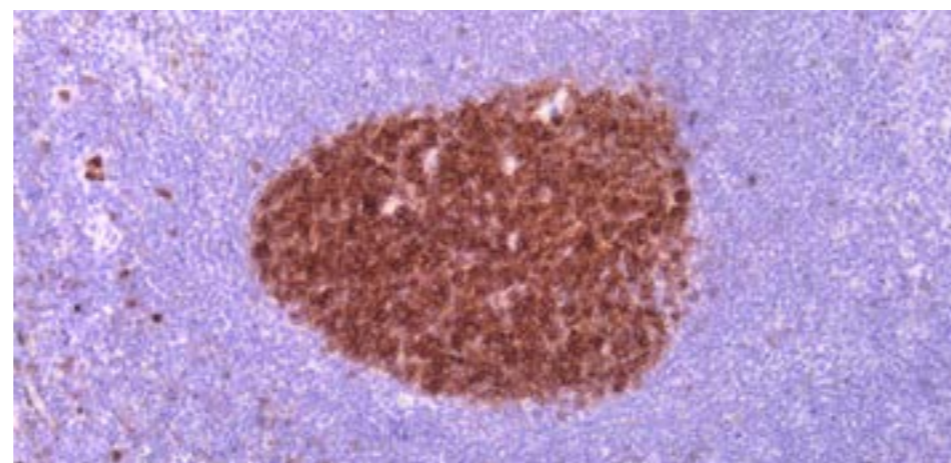


Beta Catenin-1 (EP35)

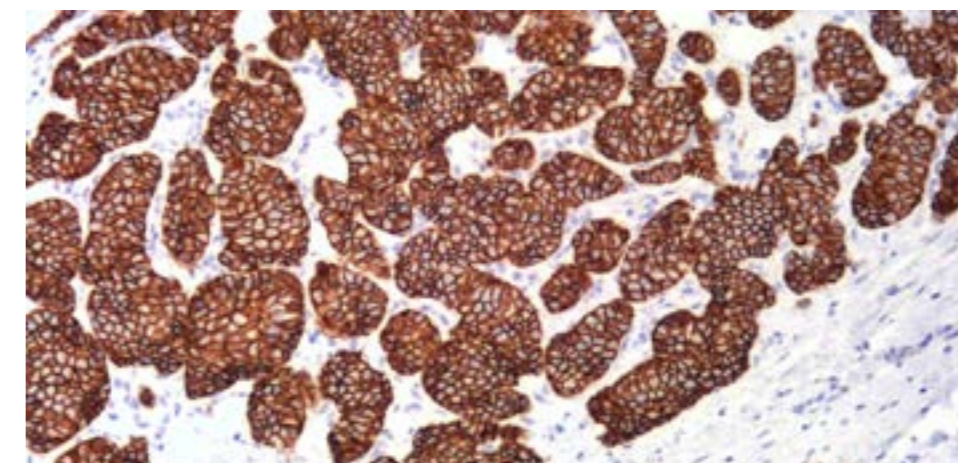
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MAD-001632QD	BRST-3/TAG-72/CA72-4 (B72.3)	B72.3	Mouse	IVD	BREAST TUMOR	C
MAD-000421QD	C3d Complement Component (Polyclonal)	Polyclonal	Rabbit	IVD	KIDNEY TRANSPLANT REJECTION	M+C
MAD-000672QD	C4d (Polyclonal)	Polyclonal	Rabbit	IVD	KIDNEY TRANSPLANT REJECTION	M+C
MAD-000698QD	CA 19-9 (121SLE)	121SLE	Mouse	IVD	NORMAL LIVER/COLON TUMOR	C
MAD-000578QD	CA125 (Mucin-16) (OC125)	OC125	Mouse	IVD	OVARIAN CARCINOMA	M+C
MAD-000582QD	Cadherin 6 (MD-33 also known as MRQ-33)	MD-33 also known as MRQ-33	Mouse	IVD	NORMAL KIDNEY	M
MAD-000737QD	Cadherin 17 (SP183)	SP183	Rabbit	IVD	NORMAL PANCREAS	M
MAD-000779QD	Cadherin E (EP6) *	EP6	Mouse	IVD	BREAST TUMOR	M
MAD-000761QD	Cadherin E (HECD-1)	HECD-1	Mouse	IVD	BREAST TUMOR	M
MAD-000319QD	Calcitonin (SP17)	SP17	Mouse	IVD	MEDULLARY CARCINOMA	C
MAD-005084QD	Caldesmon (H-CALD)	H-CALD	Mouse	IVD	COLON	C
MAD-000658QD	Calponin (EP63)	EP63	Rabbit	IVD	COLON	C
MAD-000315QD	Calretinin (SP13)	SP13	Rabbit	IVD	MESOTHELIUM	N+C
MAD-000784QD	Calretinin (BSR235)	BSR235	Rabbit	IVD	MESOTHELIUM	N+C
MAD-000652QD	Carbonic Anhydrase 9 (EP161)	EP161	Rabbit	IVD	CLEAR CELL RENAL CARCINOMA	M
MAD-002095QD	Carcinoembryonic Antigen (CEAm) (COL-1)	COL-1	Mouse	IVD	COLON	M+C
MAD-001115QD	Carcinoembryonic Antigen (CEAp) (Polyclonal)	Polyclonal	Rabbit	IVD	COLON TUMOR	M+C
MAD-000440QD	Cathepsin K (3F9)	3F9	Mouse	IVD	OSTEOBLASTOMA /TONSIL	C
MAD-002022QD	CD10 (56C6)	56C6	Mouse	IVD	TONSIL	M+C
MAD-000646QD	CD103 (EP206)	EP206	Rabbit	IVD	SMALL INTESTINE	M+C
MAD-000644QD	CD117/C-KIT (EP10)	EP10	Rabbit	IVD	GIST	M+C
MAD-000647QD	CD11b (Integrin Alpha-M) (EP45)	EP45	Rabbit	IVD	TONSIL	M
MAD-000674QD	CD11c (Integrin Alpha-X) (EP157)	EP157	Rabbit	IVD	TONSIL	M
MAD-000189QD	CD123 (Interleukin-3 Receptor Alpha Chain) (7G3)	7G3	Mouse	IVD	HAIRY CELL LEUKEMIA	M+C
MAD-000669QD	CD13 (EP117)	EP117	Rabbit	IVD	TONSIL	M+C



Carbonic Anhydrase 9 (EP161)

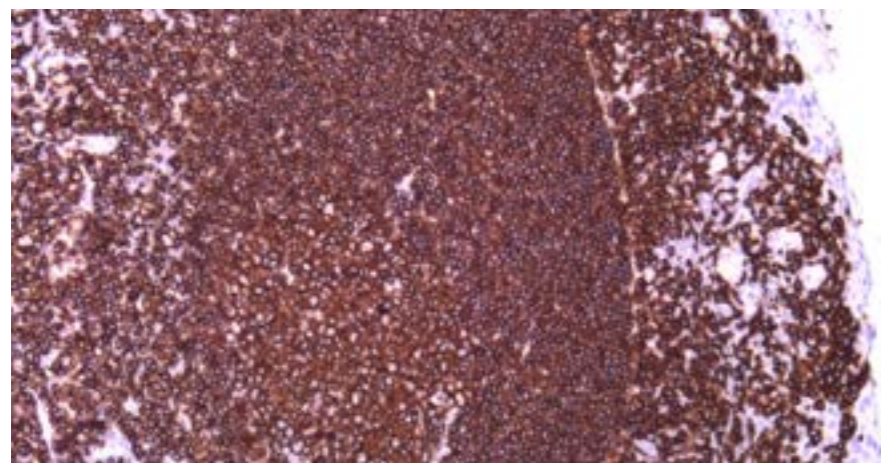


CD10 (56C6)

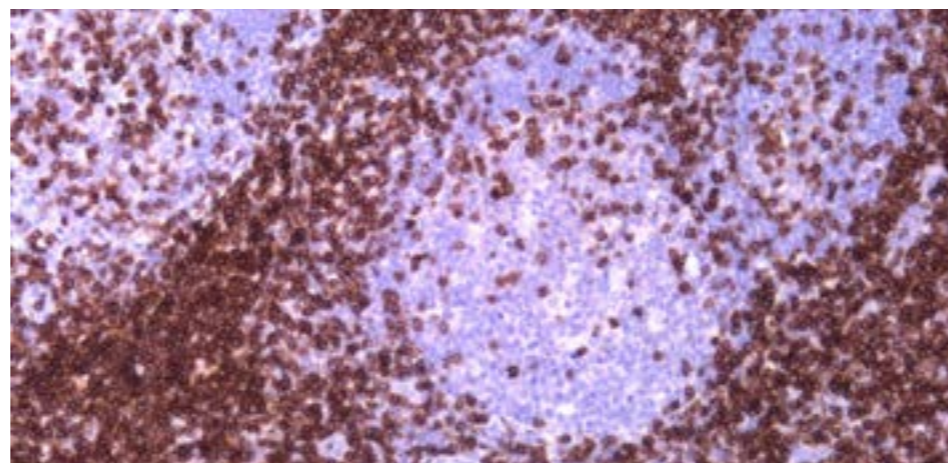


Cadherin E (HECD-1)

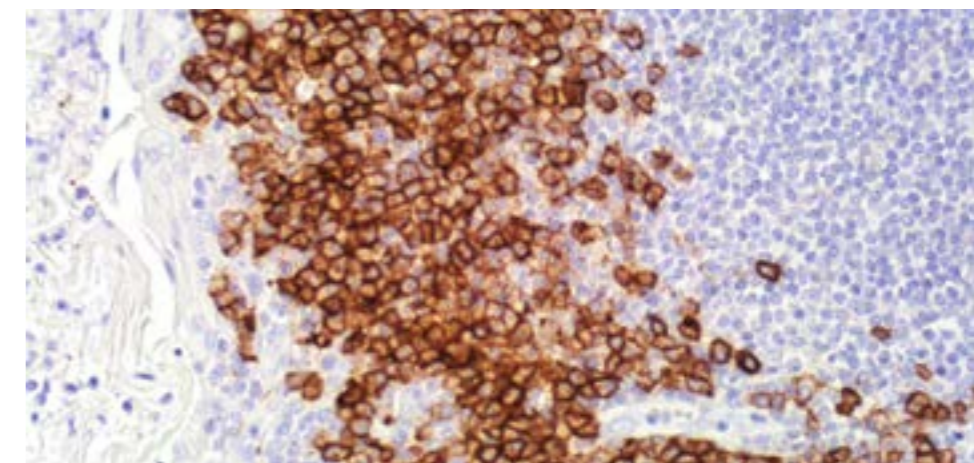
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-000735QD	CD138 (EP201)	EP201	Rabbit	IVD	TONSIL	M+C
MAD-000648QD	CD14 (EP128)	EP128	Rabbit	IVD	TONSIL	M+C
MAD-005151QD	CD15 (MMA)	MMA	Mouse	IVD	NORMAL KIDNEY/HODGKIN LYMPHOMA	M+C
MAD-000758QD	CD163 (EP324)	EP324	Rabbit	IVD	TONSIL/PLACENTA	C
MAD-000757QD	CD19 (SP110)	SP110	Rabbit	IVD	TONSIL	M+C
MAD-000673QD	CD1a (EP80)	EP80	Rabbit	IVD	NORMAL SKIN	M+C
MAD-000701QD	CD2 (EP222)	EP222	Rabbit	IVD	TONSIL	M
MAD-002037QD	CD20 (L26)	L26	Mouse	IVD	TONSIL	M+C
MAD-000380QD	CD21 (2G9)	2G9	Mouse	IVD	TONSIL	M+C
MAD-000333QD	CD23 (SP23)	SP23	Rabbit	IVD	TONSIL	M+C
MAD-000155QD	CD25 (4C9)	4C9	Mouse	IVD	HAIRY CELL LEUKEMIA	M+C
MAD-000762QD	CD27 (EPR8569)	EPR8569	Rabbit	IVD	TONSIL	M+C
MAD-000526QD	CD278 (SP98)	SP98	Rabbit	IVD	TONSIL	M+C
MAD-000621QD	CD3 (EP41)	EP41	Rabbit	IVD	TONSIL	M
MAD-002045QD	CD30 (BER-H2)	BER-H2	Mouse	IVD	HODGKIN LYMPHOMA	M+C
MAD-002048QD	CD31/PECAM-1 (JC/70A)	JC/70A	Mouse	IVD	TONSIL	M+C
MAD-000135QD	CD33 (PWS44)	PWS44	Mouse	IVD	LIVER	M+C
MAD-001613QD	CD34 (QB-END/10)	QB-END/10	Mouse	IVD	TONSIL	M+C
MAD-000697QD	CD35 (EP197)	EP197	Rabbit	IVD	TONSIL	M+C
MAD-004033QD	CD38 (38C03)	38C03	Mouse	IVD	TONSIL	M+C
MAD-000600QD	CD4 (EP204)	EP204	Rabbit	IVD	TONSIL	M+C
MAD-000663QD	CD41 (Integrin Alpha) (EP178)	EP178	Rabbit	IVD	BONE MARROW	C
MAD-000125QD	CD42b (42C01)	42C01	Mouse	IVD	BONE MARROW	C
MAD-000606QD	CD43 (DF-T1)	DF-T1	Mouse	IVD	TONSIL	M+C
MAD-000537QD	CD44 (SP37)	SP37	Rabbit	IVD	TONSIL	M



CD20 (L26)

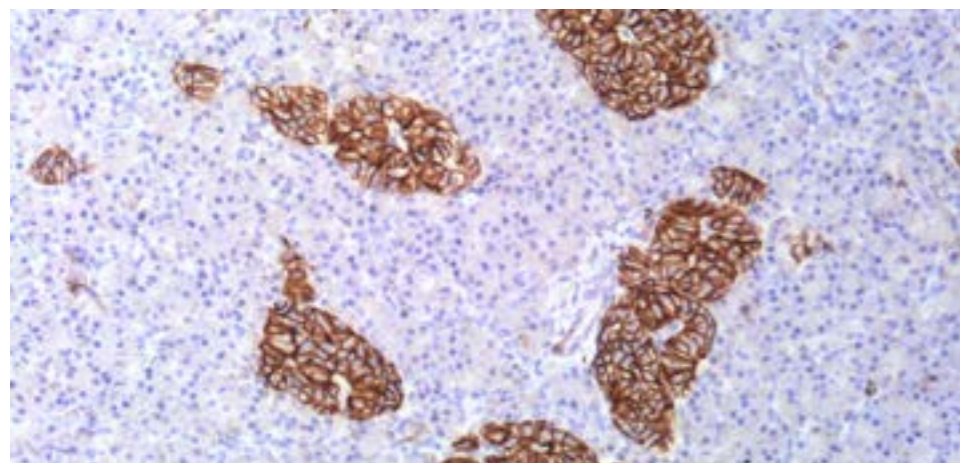


CD3 (EP41)

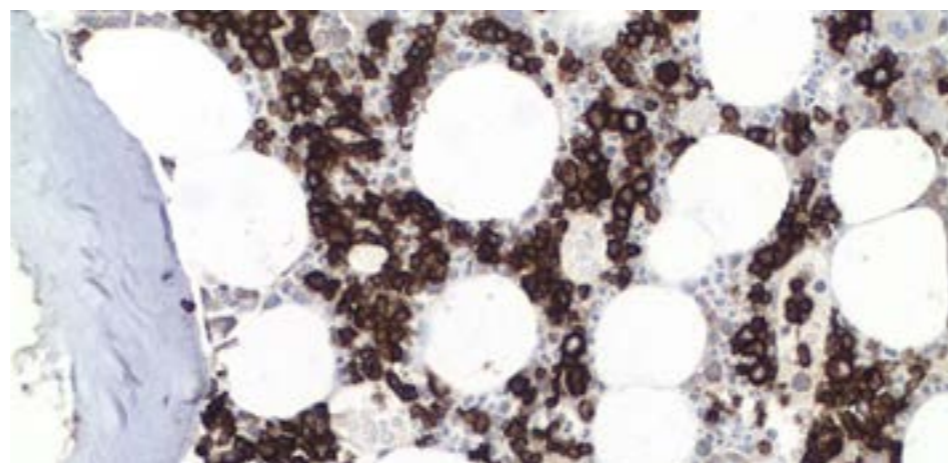


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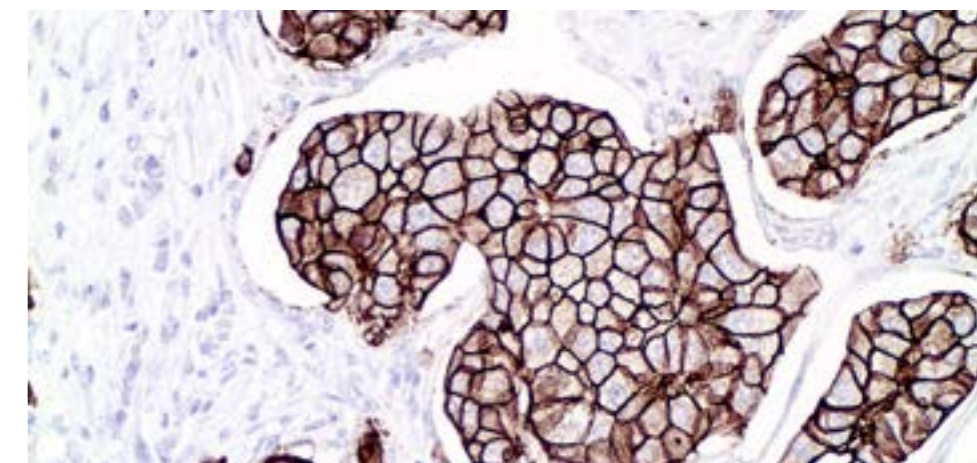
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-002066QD	CD45 (COCTEL)	COCTEL	Mouse	IVD	TONSIL	M+C
MAD-000732QD	CD45RA (SPM504)	SPM504	Mouse	IVD	TONSIL	M+C
MAD-004009QD	CD45RB (BRA-11)	BRA-11	Mouse	IVD	TONSIL	M+C
MAD-005035QD	CD45RO (UCHL-1)	UCHL-1	Mouse	IVD	TONSIL	M+C
MAD-000602QD	CD5 (EP77)	EP77	Rabbit	IVD	TONSIL	M+C
MAD-000749QD	CD56/NCAM-1 (123C3)	123C3	Mouse	IVD	COLON	M+C
MAD-002084QD	CD57 (NK-1)	NK-1	Mouse	IVD	TONSIL	M+C
MAD-000133QD	CD61/GP-IIIa (2F2)	2F2	Mouse	IVD	BONE MARROW	C
MAD-000543QD	CD63 (NKI/C3)	NKI/C3	Mouse	IVD	MELANOMA	M+C
MAD-000636QD	CD64 (EPR4624)	EPR4624	Rabbit	IVD	PLACENTA	M+C
MAD-002097QD	CD68 (KP-1)	KP-1	Mouse	IVD	TONSIL	C
MAD-000603QD	CD7 (EP132)	EP132	Rabbit	IVD	TONSIL	M+C
MAD-000528QD	CD71 (10F11)	10F11	Mouse	IVD	BONE MARROW	M
MAD-002103QD	CD74 (LN-2)	LN-2	Mouse	IVD	TONSIL	M+C
MAD-000320QD	CD79a/MB-1 (SP18)	SP18	Rabbit	IVD	TONSIL	M+C
MAD-000318QD	CD8 (SP16)	SP16	Rabbit	IVD	TONSIL	M
MAD-000678QD	CD95 (EP208)	EP208	Rabbit	IVD	TONSIL	M
MAD-000607QD	CD99 (EP8)	EP8	Rabbit	IVD	PNET/EWING SARCOMA	M
MAD-000597QD	Cdk4 (DCS-35)	DCS-35	Mouse	IVD	LIPOSARCOMA	N
MAD-000645QD	CDX-2 (EP25)	EP25	Rabbit	IVD	APPENDIX	N
MAD-000308QD	C-erbB-2/HER2/NEU (SP3)	SP3	Rabbit	IVD	BREAST TUMOR	M
MAD-000487QD	C-Myc (Y69)	Y69	Rabbit	IVD	BURKITT LYMPHOMA	N
MAD-000564QD	CGA (Glycoprotein Hormone Alpha) (EP3373)	EP3373	Rabbit	IVD	PLACENTA	C
MAD-000616QD	Chromogranin A (LK2H10)	LK2H10	Mouse	IVD	PANCREAS	C



CD56/NCAM-1 (123C3)

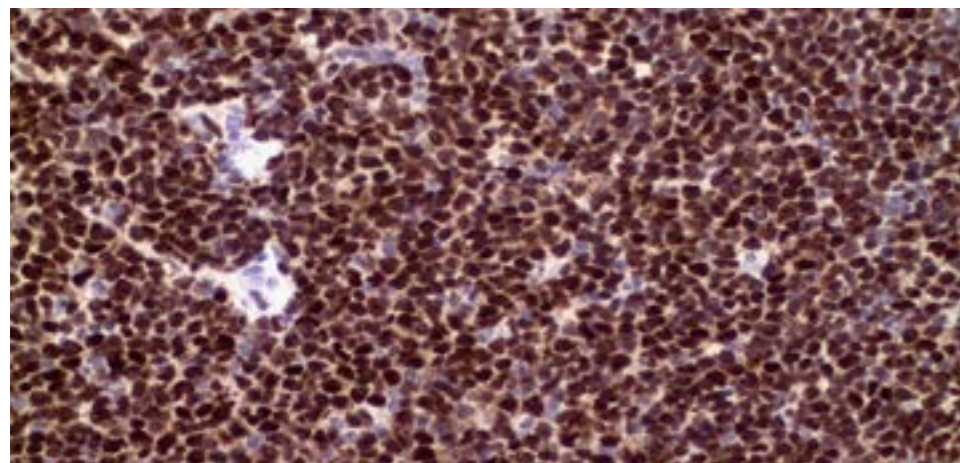


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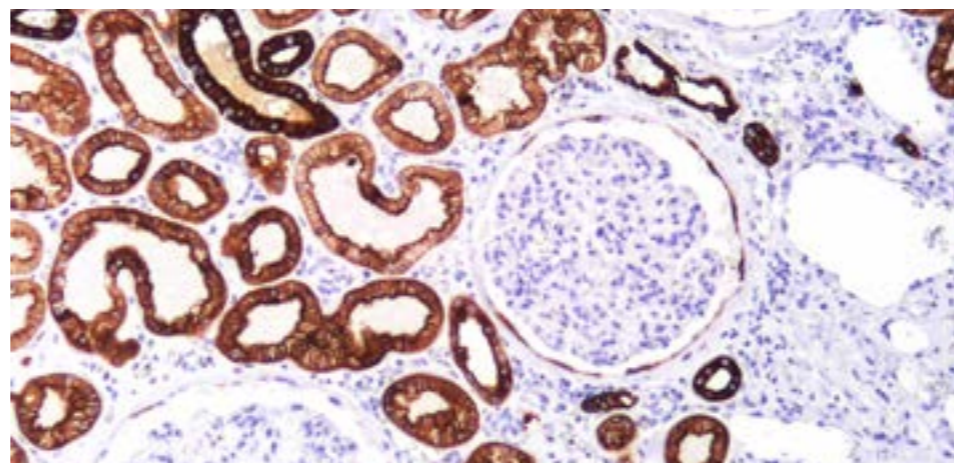


C-erbB-2/HER2/NEU (SP3)

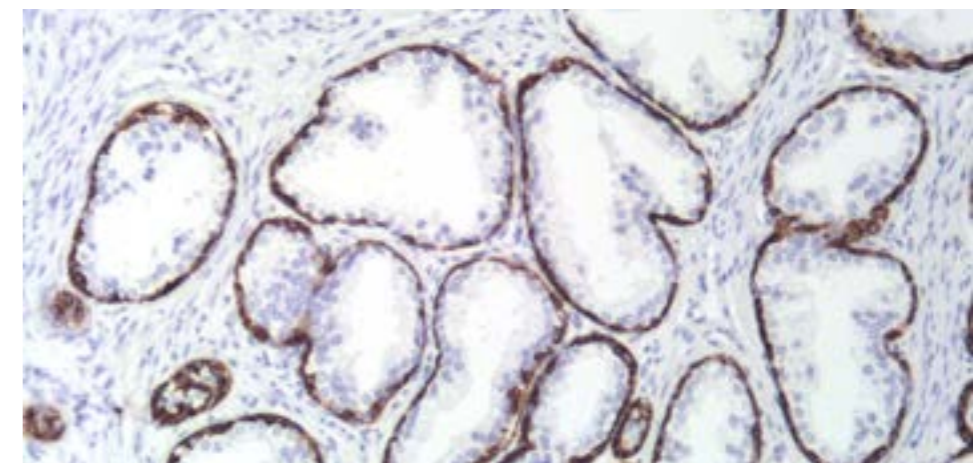
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-000523QD	Claudin-1 (Polyclonal)	Polyclonal	Rabbit	IVD	KIDNEY	M
MAD-000549QD	Claudin-7 (Polyclonal)	Polyclonal	Rabbit	IVD	COLON	M
MAD-000653QD	Clusterin (EP181)	EP181	Rabbit	IVD	TONSIL	M+C
MAD-001763QD	CNPasa (11-5B)	11-5B	Mouse	IVD	SNC	N
MAD-000153QD	Collagen II (2B1.5)	2B1.5	Mouse	IVD	NORMAL CARTILAGE	I
MAD-000733QD	Collagen IV (CIV22)	CIV22	Mouse	IVD	KIDNEY	I
MAD-000335QD	COX-2 (SP21)	SP21	Rabbit	IVD	PLACENTA	C
MAD-000275QD	CXCL13 (Chemokine [C-X-C Motif] Ligand 13) (Polyclonal)	Polyclonal	Rabbit	IVD	TONSIL	C
MAD-000630QD	Cyclin D1 (EP12)	EP12	Rabbit	IVD	MANTLE CELL LYMPHOMA	N
MAD-000713QD	Cyclin E1 (EP126)	EP126	Rabbit	IVD	PLACENTA	N
MAD-001002QD	Cytokeratin (AE1)	AE1	Mouse	IVD	TONSIL	M+C
MAD-001000QD	Cytokeratin (AE1/AE3)	AE1/AE3	Mouse	IVD	BREAST TUMOR	M+C
MAD-001003QD	Cytokeratin (AE3)	AE3	Mouse	IVD	SKIN	M+C
MAD-001645QD	Cytokeratin (CAM 5.2)	CAM5.2	Mouse	IVD	COLON	M+C
MAD-000535QD	Cytokeratin 10 (SP99)	SP99	Rabbit	IVD	SKIN	M+C
MAD-000622QD	Cytokeratin 13 (EP69)	EP69	Rabbit	IVD	TONSIL	M+C
MAD-005103QD	Cytokeratin 14 (LL002)	LL002	Mouse	IVD	NORMAL BREAST	M+C
MAD-000734QD	Cytokeratin 17 (EP98)	EP98	Rabbit	IVD	BASAL CELL CARCINOMA	M+C
MAD-002233QD	Cytokeratin 18 (DC-10)	DC-10	Mouse	IVD	NORMAL LIVER	M+C
MAD-002163QD	Cytokeratin 19 (BA17)	BA17	Mouse	IVD	COLON	M+C
MAD-005105QD	Cytokeratin 20 (KS20.8)	KS20.8	Mouse	IVD	COLON	M+C
MAD-009059QD	Cytokeratin 34betaE12 (34BE12)	34BE12	Mouse	IVD	PROSTATE	M+C
MAD-000491QD	Cytokeratin 5 (SP27)	SP27	Rabbit	IVD	PROSTATE	M+C
MAD-000651QD	Cytokeratin 5/6 (EP24+EP67)	EP24+EP67	Rabbit	IVD	SQUAMOUS CARCINOMA	M+C
MAD-000680QD	Cytokeratin 5/6/8/18 (EP24/EP67/B22.1&B23.1)	EP24/EP67/B22.1&B23.1	Rabbit/Mouse	IVD	TMA	M+C



Cyclin D1 (EP12)

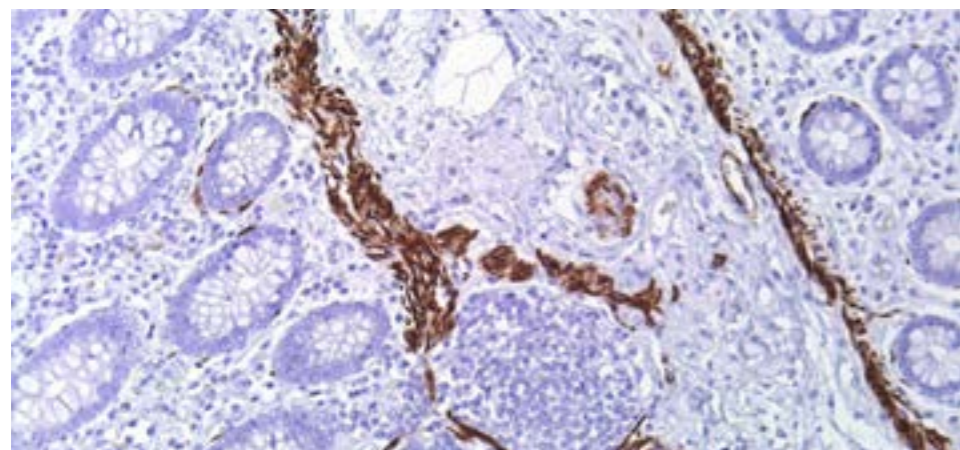


Cytokeratin (CAM 5.2)

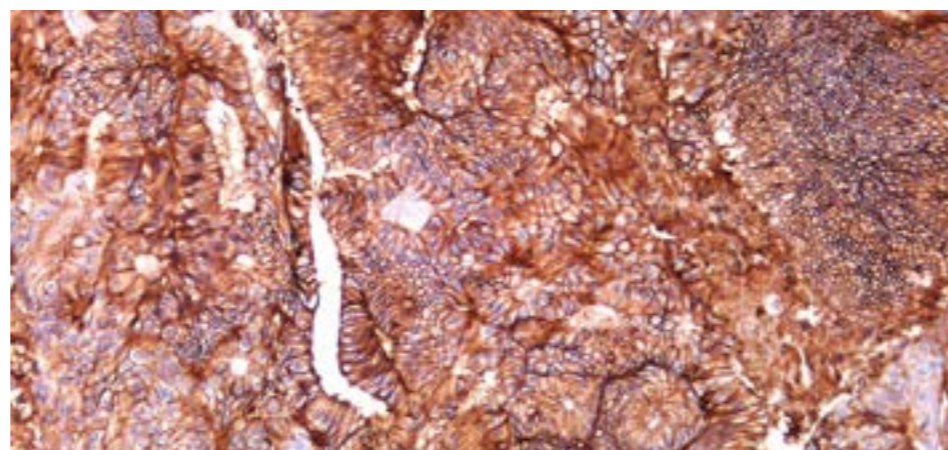


Cytokeratin 34betaE12 (34BE12)

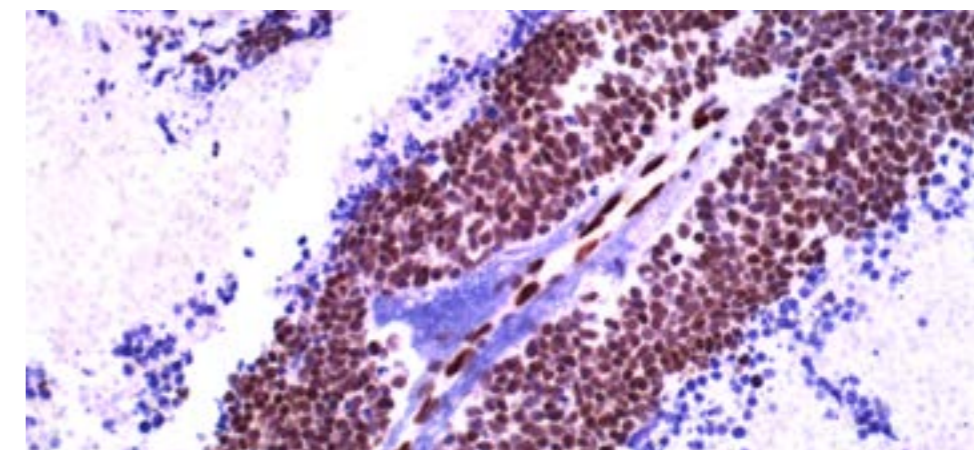
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-001004QD	Cytokeratin 7 (OV-TL12/30)	OV-TL12/30	Mouse	IVD	SKIN/NORMAL BREAST	M+C
MAD-000683QD	Cytokeratin 8 (EP17)	EP17	Rabbit	IVD	LIVER	M+C
MAD-000589QD	Cytokeratin 8/18 (B22.1&B23.1)	B22.1&B23.1	Mouse	IVD	LIVER	M+C
MAD-000684QD	Cytokeratin 8/18/19 (B22.1&B23.1/BA17)	B22.1&B23.1/BA17	Mouse	IVD	TMA	M+C
MAD-000634QD	Cytomegalovirus (DDG9/CCH2)	DDG9/CCH7	Mouse	RUO	CMV INFECTED TISSUE	N
MAD-000724QD	Delta Catenin-1 (p120) (EP66)	EP66	Rabbit	IVD	BREAST LOBULAR CARCINOMA	M/C
MAD-001011QD	Desmin (D33)	D33	Mouse	IVD	COLON	C
MAD-001892QD	Digoxigenin (HY-A.1)	HY-A.1	Mouse	IVD	N/A	N/A
MAD-000533QD	DOG-1 (Anoctamin-1) (SP31)	SP31	Rabbit	IVD	GASTROINTESTINAL STROMAL TUMOR	C
MAD-000664QD	Epidermal Growth Factor Receptor (EP22)	EP22	Rabbit	IVD	BREAST TUMOR	M
MAD-001100QD	Epithelial Membrane Antigen (EMA) (E29)	E29	Mouse	IVD	TONSIL	M+C
MAD-001709QD	Epithelial Specific Antigen (BER-EP4)	BER-EP4	Mouse	IVD	BASAL CELL CARCINOMA	M
MAD-000101QD	Epithelial Specific Antigen (MOC-31)	MOC-31	Mouse	IVD	COLON TUMOR	M
MAD-001619QD	Epstein-Barr Virus / LMP1 (CS1-4)	CS1-4	Mouse	IVD	HODGKIN LYMPHOMA	M
MAD-000736QD	Ep-CAM (EP155)	EP155	Rabbit	IVD	COLON	M
MAD-000509QD	ERCC1 (SP68)	SP68	Rabbit	IVD	KIDNEY CARCINOMA	N
MAD-000306QD	Estrogen Receptor (SP1)	SP1	Rabbit	IVD	UTERINE CERVIX	N
MAD-000707QD	Factor VIII (Polyclonal)	Polyclonal	Rabbit	IVD	COLON	C
MAD-000714QD	Factor XIIIa (EP292)	EP292	Rabbit	IVD	SKIN	C
MAD-000250QD	Fascin (FCN01)	FCN01	Mouse	IVD	SPLEEN	C
MAD-000489QD	Fibrinogen (5C5) *	5C5	Mouse	IVD	NORMAL TESTICLE	I
MAD-000156QD	Filaggrin (FLG01) *	FLG01	Mouse	IVD	SKIN	C
MAD-000730QD	FLI1 (G146-222)	G146-222	Mouse	IVD	PNET/EWING SARCOMA	N
MAD-000536QD	FOXP3 (SP97)	SP97	Rabbit	IVD	TONSIL	N
MAD-000704QD	FSH (Follicle Stimulating Hormone) (EP257)	EP257	Rabbit	IVD	HYPOPHYSIS	C
MAD-000789QD	Fumarate Hydratase (J-13)	J-13	Mouse	IVD	LEIOMYOMA WITHOUT TRANSLOCATION (PERSISTENCE OF STAINING)	C



Desmin (D33)

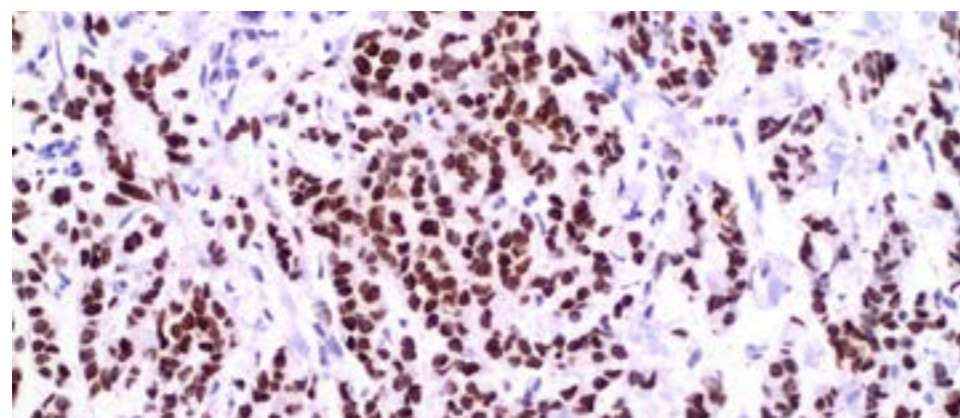


Epithelial Specific Antigen (MOC-31)

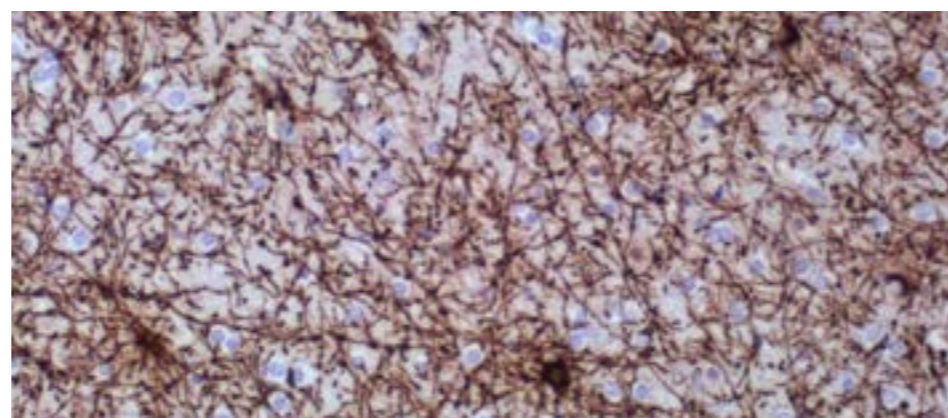


FLI1 (G146-222)

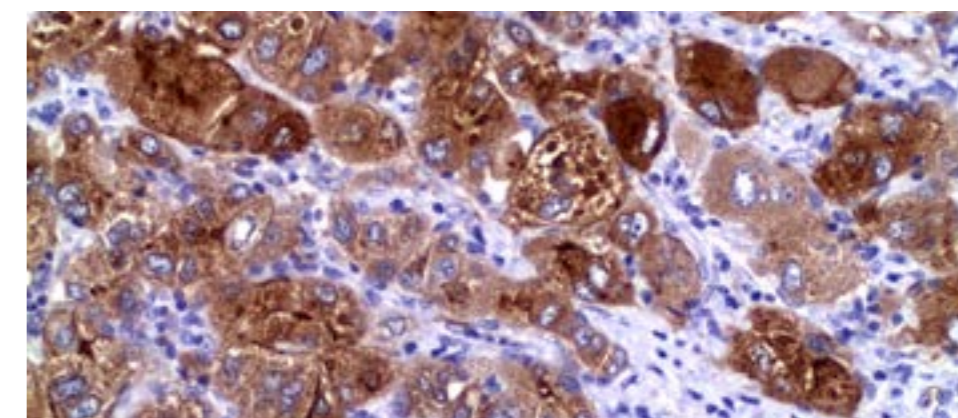
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-000729QD	Galectin-3 (B2C10)	B2C10	Mouse	IVD	PAPILLARY THYROID CARCINOMA	C
MAD-001320QD	Gastrin (Polyclonal)	Polyclonal	Rabbit	IVD	STOMACH	C
MAD-000632QD	GATA-3 (L50-823)	L50-823	Mouse	IVD	UROTHELIAL CARCINOMA/BREAST	N
MAD-000716QD	GFAP (GA5)	GA5	Mouse	IVD	CENTRAL NERVOUS SYSTEM	M+C
MAD-000731QD	GH (Growth Hormone) (EP267)	EP267	Rabbit	IVD	HYPOPHYSIS	C
MAD-000661QD	Glucagon (EP74)	EP74	Rabbit	IVD	PANCREAS	C
MAD-000436QD	Glut 1 (Polyclonal)	Polyclonal	Rabbit	IVD	PLACENTA	M+C
MAD-000688QD	Glutamine Synthetase (GS-6)	GS-6	Mouse	IVD	LIVER	C
MAD-000819QD	Glycophorin A (JC159)	JC159	Mouse	IVD	BONE MARROW	C
MAD-000625QD	Glypican 3 (1G12)	1G12	Mouse	IVD	HEPATOCARCINOMA	C
MAD-000723QD	Granzyme B (GrB-7)	GrB-7	Mouse	IVD	SPLEEN	C
MAD-001150QD	HBc Antigen (CORE) (Polyclonal)	Polyclonal	Rabbit	RUO	VHB INFECTED LIVER	N
MAD-001707QD	HBME-1 (HBME-1)	HBME-1	Mouse	IVD	MESOTHELIUM	M
MAD-000201QD	HCG (Chorionic Gonadotropin) (Polyclonal)	Polyclonal	Rabbit	IVD	PLACENTA	C
MAD-000531QD	Heat Shock Protein 70 (HSP70) (W27)	W27	Mouse	IVD	NORMAL TESTICLE	N+C
MAD-001623QD	Helicobacter Pylori (Polyclonal)	Polyclonal	Rabbit	IVD	INFECTED STOMACH	C
MAD-000760QD	Hepatitis B Virus Surface Antigen (A10F1)	A10F1	Mouse	RUO	VHB INFECTED LIVER	C
MAD-000916QD	Hepatocyte Specific Antigen (Hep Par 1) (OCH1E5)	OCH1E5	Mouse	IVD	LIVER	C
MAD-000593QD	Herpes Simplex Virus I (Polyclonal)	Polyclonal	Rabbit	IVD	HSV I INFECTED TISSUE	N+C
MAD-000595QD	Herpes Simplex Virus II (Polyclonal)	Polyclonal	Rabbit	IVD	HSV II INFECTED TISSUE	N+C
MAD-001345QD	HPL (Human Placental Lactogen) (Polyclonal)	Polyclonal	Rabbit	IVD	PLACENTA	C
MAD-000546QD	HNF-1 beta (Hepatocyte Nuclear Factor 1 beta Homeobox A) (Polyclonal)	Polyclonal	Rabbit	IVD	SMALL INTESTINE	N
MAD-000467QD	HuC/HuD Neuronal Protein (16A11)	16A11	Mouse	IVD	CENTRAL NERVOUS SYSTEM	N
MAD-005662QD	Human Herpes Virus 1+2 (Polyclonal)	Polyclonal	Rabbit	IVD	HSV I+II INFECTED TISSUE	N+C
MAD-000266QD	Human Herpes Virus 8 (13B10)	13B10	Mouse	IVD	KAPOSI SARCOMA	N
MAD-005025QD	Human IgA (Polyclonal)	Polyclonal	Rabbit	IVD	TONSIL	C



GATA-3 (L50-823)

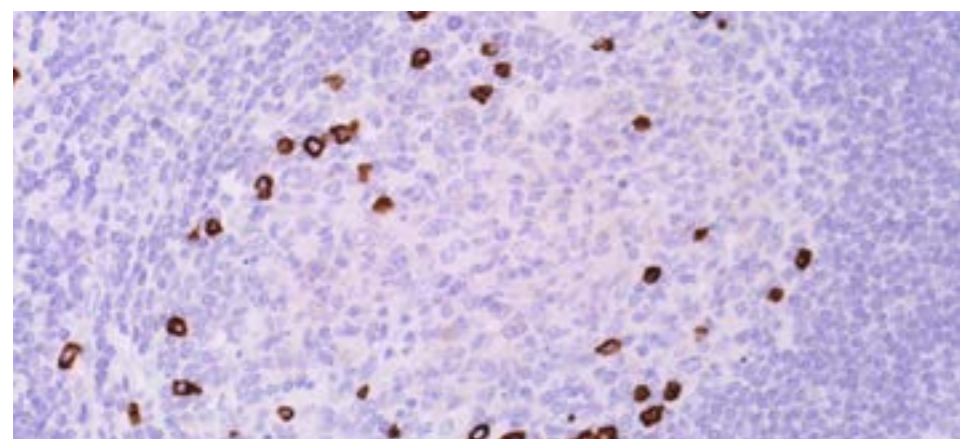


GFAP (GA5)

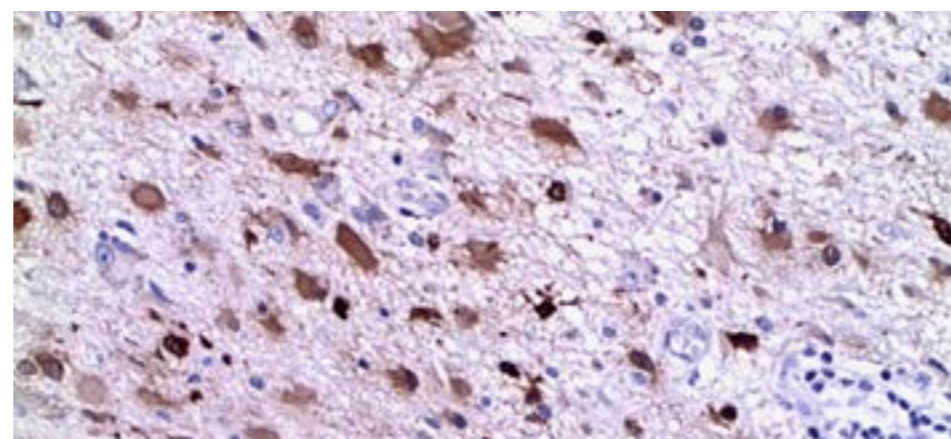


Glypican 3 (1G12)

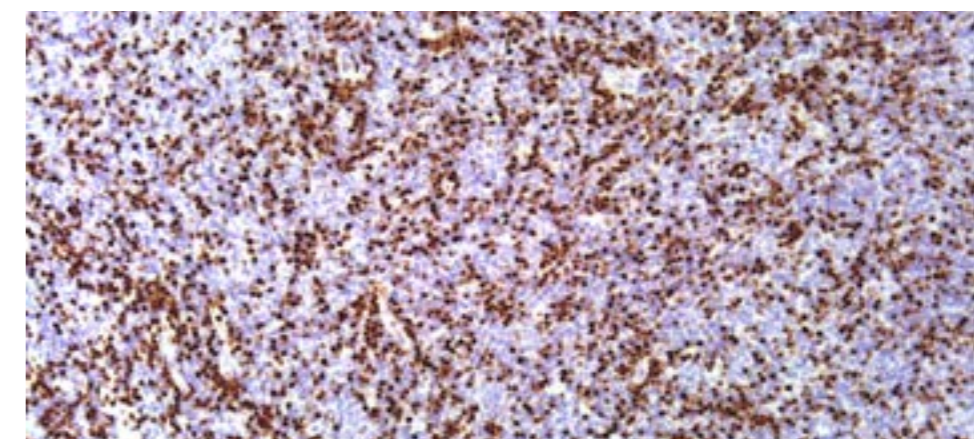
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-005073QD	Human IgD (Polyclonal)	Polyclonal	Rabbit	IVD	TONSIL	M+C
MAD-000163QD	Human IgE (Polyclonal)	Polyclonal	Rabbit	IVD	SMALL INTESTINE	C
MAD-000679QD	Human IgG (E20-V)	E20-V	Rabbit	IVD	TONSIL	C
MAD-005029QD	Human IgM (Polyclonal)	Polyclonal	Rabbit	IVD	TONSIL	M+C
MAD-000696QD	IgG4 (EP138)	EP138	Rabbit	IVD	TONSIL	C
MAD-000547QD	Immunoglobulin J chain (SP105)	SP105	Rabbit	IVD	TONSIL	C
MAD-000705QD	IMP 3 (EP286)	EP286	Rabbit	IVD	CENTRAL NERVOUS SYSTEM	C
MAD-001701QD	Inhibin Alpha (R1)	R1	Mouse	IVD	ADRENAL GLAND/TESTICLE	C
MAD-000448QD	INI1 (BAF47/SNF5) (25/BAF47)	25/BAF47	Mouse	IVD	MELANOMA	N
MAD-000717QD	Insulin (EP125)	EP125	Rabbit	IVD	PANCREAS	C
MAD-000164QD	Involucrin (SY5)	SY5	Mouse	IVD	SKIN	M+C
MAD-000777QD	INSM1 (A-8)	A-8	Mouse	IVD	NEUROENDOCRINE NEOPLASIA	N
MAD-000738QD	ISLET 1 (EP283)	EP283	Rabbit	IVD	PANCREAS	N
MAD-000475QD	Isocitrate Dehydrogenase 1 R132H point mutated form (IDH1 R132H) (H09)	H09	Mouse	IVD	ASTROCYTOMA	C
MAD-000691QD	Kappa Immunoglobulin Light Chain (EP171)	EP171	Rabbit	IVD	TONSIL	C
MAD-000310QD	KI 67 (SP6)	SP6	Rabbit	IVD	TONSIL	N
MAD-000745QD	L1CAM (Neural Cell Adhesion Molecule L1) (BSR3)	BSR3	Mouse	IVD	TONSIL	M
MAD-000692QD	Lambda Immunoglobulin Light Chain (EP172)	EP172	Rabbit	IVD	TONSIL	C
MAD-000662QD	Langerin/CD207 (EPR15863)	EPR15863	Rabbit	IVD	SKIN	M+C
MAD-000743QD	LEF1 (Lymphoid Enhancer-Binding Factor 1) (EP310)	EP310	Rabbit	IVD	TONSIL	N
MAD-000759QD	LH (Luteinizing Hormone) (Polyclonal)	Polyclonal	Rabbit	IVD	HYPOPHYSIS	C
MAD-000591QD	LIN-28 (EP150)	EP150	Rabbit	IVD	GERM CELL TUMOR	C
MAD-001200QD	Lysozyme (Polyclonal)	Polyclonal	Rabbit	IVD	TONSIL	C
MAD-000340QD	Mammaglobin A & B (304-1A5 & 31A5)	304-1A5 & 31A5	Mouse	IVD	BREAST	C
MAD-000527QD	MAP-2 (AP20)	AP20	Mouse	IVD	CENTRAL NERVOUS SYSTEM	C



IgG4 (EP138)

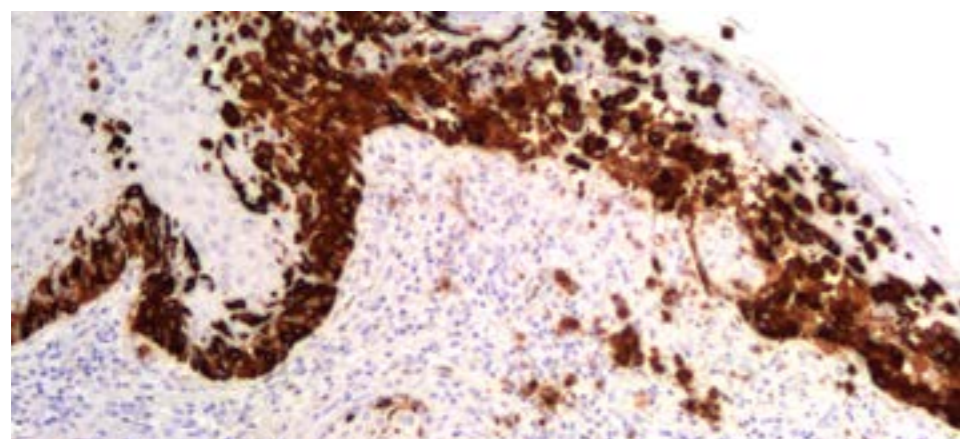


Isocitrate Dehydrogenase 1 R132H point mutated form (IDH1 R132H) (H09)

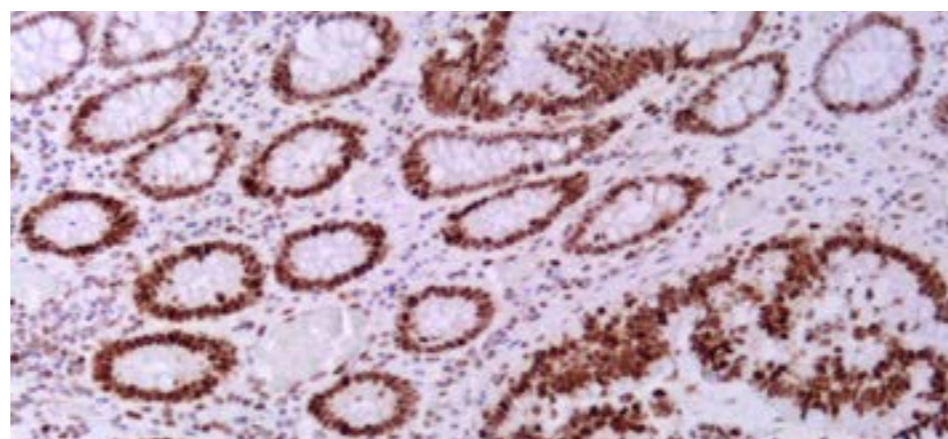


LEF1 (Lymphoid Enhancer-Binding Factor 1) (EP310)

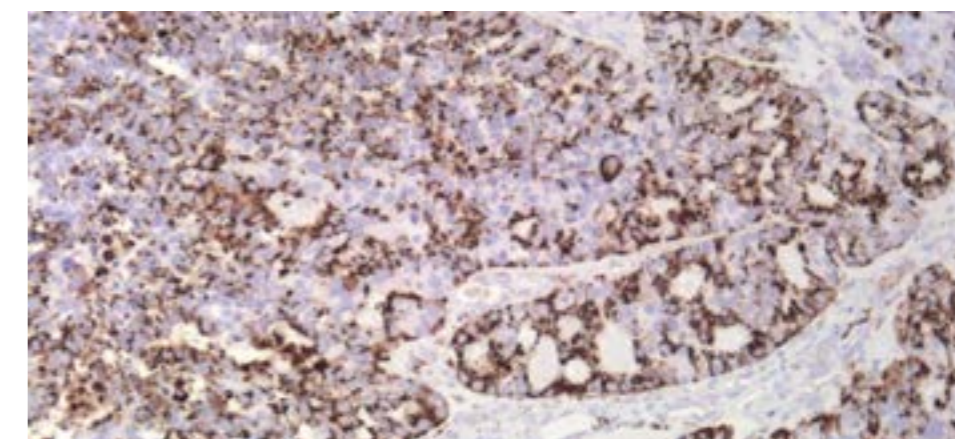
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-000709QD	Mast Cell Tryptase (EP259)	EP259	Rabbit	IVD	SKIN	C
MAD-000682QD	MDM2 (IF2)	IF2	Mouse	IVD	LIPOSARCOMA	N
MAD-000695QD	Melan A / MART-1 (EP43)	EP43	Rabbit	IVD	MELANOMA	C
MAD-000375QD	Melanoma (HMB45)	HMB45	Mouse	IVD	MELANOMA	C
MAD-000338QD	Melanoma Associated Antigen (KBA.62)	KBA.62	Mouse	IVD	MELANOMA	M+C
MAD-000168QD	Melanoma-Associated Antigen-1 (MAGE-1) (6C1)	6C1	Mouse	IVD	MELANOMA	C
MAD-000654QD	Mesothelin (EP140)	EP140	Rabbit	IVD	MESOTHELIUM	M+C
MAD-000924QD	MITF (Microphthalmia-Associated Transcription Factor) (C5+D5)	C5+D5	Mouse	IVD	MELANOMA	N
MAD-000726QD	MLH1 (BS29)	BS29	Mouse	IVD	COLON	N
MAD-000613QD	MPCyV Large T-Antigen (CM2B4)	CM2B4	Mouse	IVD	MERKEL CELL CARCINOMA	N
MAD-000677QD	MSH2 (FE11)	FE11	Mouse	IVD	COLON TUMOR	N
MAD-000635QD	MSH6 (EP49)	EP49	Rabbit	IVD	COLON	N
MAD-000432QD	Mucin 1 (ZM35 also known as MRQ-17)	ZM35 also known as MRQ-17	Mouse	IVD	COLON	C
MAD-000728QD	Mucin 2 (Ccp 58)	Ccp 58	Mouse	IVD	COLON	C
MAD-000504QD	Mucin 4 (8G7)	8G7	Mouse	IVD	COLON	C
MAD-000434QD	Mucin 5AC (MUC5AC) (MD-19 also known as MRQ-19)	MD-19 also known as MRQ-19	Mouse	IVD	STOMACH	C
MAD-000435QD	Mucin 6 (MD-20 also known as MRQ-20)	MD-20 also known as MRQ-20	Mouse	IVD	STOMACH	C
MAD-000470QD	MUM1/IRF4 (MUM1p)	MUM1p	Mouse	IVD	TONSIL	N
MAD-002259QD	Myelin Basic Protein (Polyclonal)	Polyclonal	Rabbit	IVD	CENTRAL NERVOUS SYSTEM	C
MAD-005857QD	Myeloperoxidase (Polyclonal)	Polyclonal	Rabbit	IVD	SPLEEN	C
MAD-000619QD	MyoD1 (Clon EP212)	EP122	Rabbit	IVD	RHABDOMYOSARCOMA	N
MAD-000676QD	Myogenin (EP162)	EP162	Rabbit	IVD	RHABDOMYOSARCOMA	N
MAD-001209QD	Myoglobin (Polyclonal)	Polyclonal	Rabbit	IVD	HEART	C
MAD-001204QD	Myosin - Skeletal Muscle (MY-32)	MY-32	Mouse	IVD	SKELETAL MUSCLE	C
MAD-000752QD	Napsin A (BS10)	BS10	Mouse	IVD	KIDNEY/LUNG ADENOCARCINOMA	C



Melan A / MART-1 (EP43)

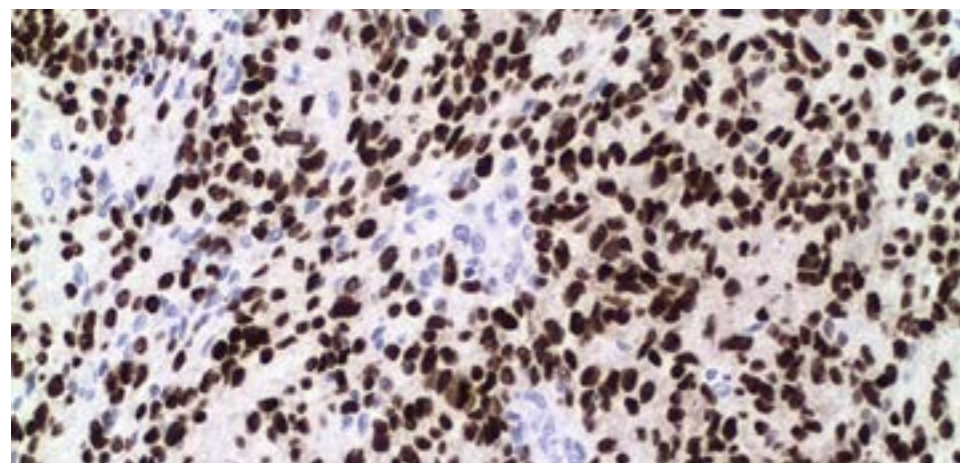


MSH6 (EP49)

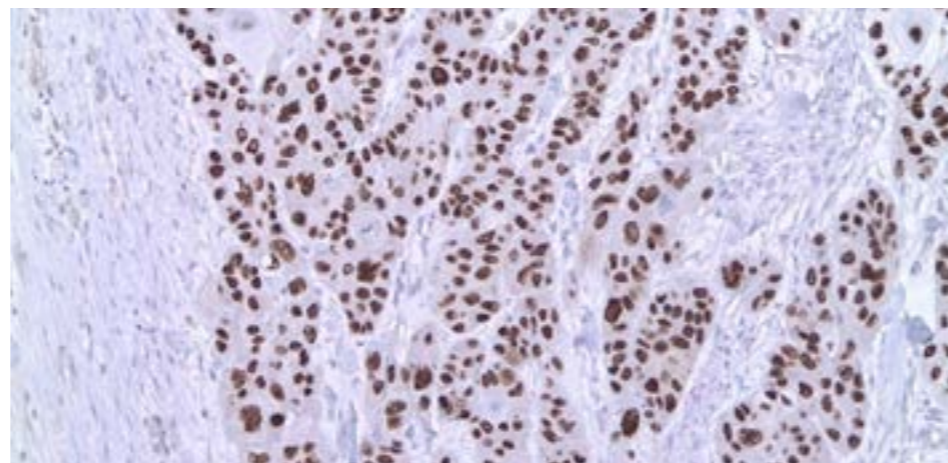


Napsin A (BS10)

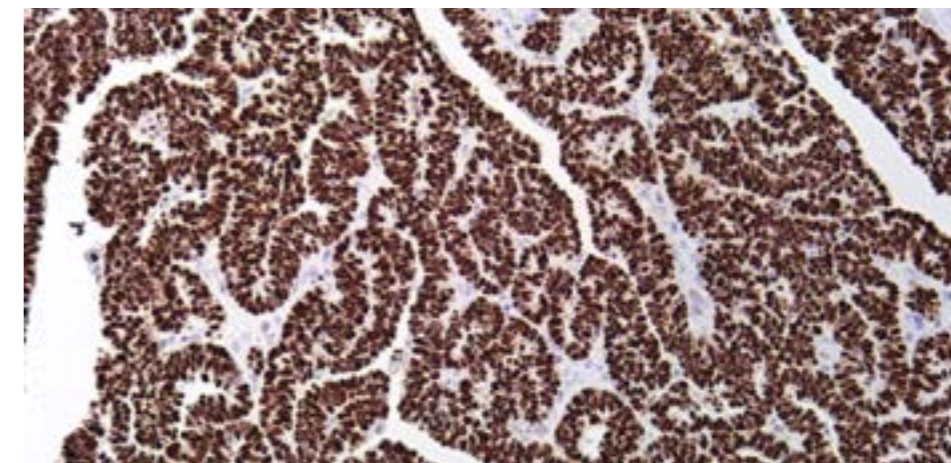
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-000719QD	Nestin (10C2)	10C2	Mouse	IVD	MELANOMA	C
MAD-000468QD	NeuN Protein (A60)	A60	Mouse	IVD	CENTRAL NERVOUS SYSTEM	N
MAD-000384QD	Neurofilament 70/200 kDa (2F11)	2F11	Mouse	IVD	CENTRAL NERVOUS SYSTEM	C
MAD-000712QD	Neuron Specific Enolase (NSE) (Polyclonal)	Polyclonal	Rabbit	IVD	PANCREAS/COLON	C
MAD-000772QD	NKX2.2 (EP336)	EP336	Rabbit	IVD	PANCREAS	N
MAD-000771QD	NKX3.1 (EP356)	EP356	Rabbit	IVD	PROSTATE	N
MAD-000778QD	Oct2 (PT2)	PT2	Mouse	IVD	TONSIL	N
MAD-000239QD	Oct3/4 (C-10)	C-10	Mouse	IVD	SEMINOMA	N
MAD-000618QD	Olig 2 Protein (211F1.1)	211F1.1	Mouse	IVD	ASTROCYTOMA	N
MAD-000786QD	Osteocalcin (C-8)	C-8	Mouse	IVD	BONE	C
MAD-000690QD	p16-INK4 (MX007)	MX007	Mouse	IVD	CERVICAL DISPLASIA/TONSIL	C+N
MAD-005360QD	p21/Waf-1 (CP74)	CP74	Mouse	IVD	TONSIL/COLON	N
MAD-000720QD	p27 (EP104)	EP104	Rabbit	IVD	TONSIL	N
MAD-000686QD	p40 (ZR8)	ZR8	Rabbit	IVD	PLACENTA	N
MAD-000665QD	p501S (Polyclonal)	Polyclonal	Rabbit	IVD	PROSTATE ADENOCARCINOMA	C
MAD-000309QD	p53 (SP5)	SP5	Rabbit	IVD	OVARIAN HIGH GRADE SEROUS CARCINOMA	N
MAD-000721QD	p57 (KP10 same as 57P06)	KP10 same as 57P06	Mouse	IVD	PLACENTA	N
MAD-000552QD	p62 (3/P62 LCK LIGAND)	3/P62 LCK LIGAND	Mouse	IVD	LIVER	I
MAD-000479QD	p63 (4A4)	4A4	Mouse	IVD	PROSTATE	N
MAD-000755QD	Pan-Cytokeratin (BS5) *	BS5	Mouse	IVD	TMA	M+C
MAD-000171QD	Pan Melanoma Cocktail (HMB45+M2-7C10+M2-9E8)	HMB45+M2-7C10+M2-9E8	3xMouse	IVD	MELANOMA	C
MAD-000725QD	Pan-Cadherin (CH-19)	CH-19	Mouse	IVD	HEPATOCARCINOMA	M+C
MAD-000628QD	Pancreatic lipase (EPR6275)	EPR6275	Rabbit	IVD	PANCREAS	C
MAD-001365QD	Pancreatic Polypeptide (Polyclonal)	Polyclonal	Goat	IVD	PANCREAS	C
MAD-000476QD	Parvovirus B19 (R92F6)	R92F6	Mouse	IVD	PARVOVIRUS INFECTED TISSUE	N



Olig 2 Protein (211F1.1)

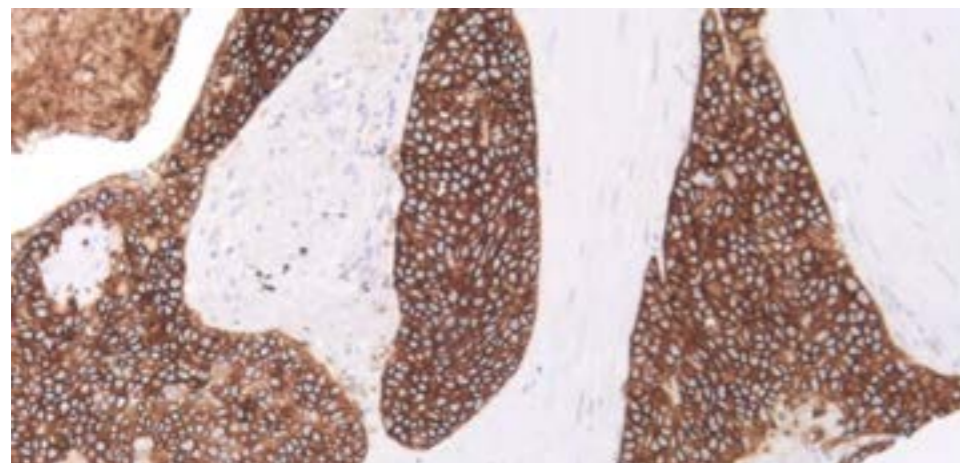


p40 (ZR8)

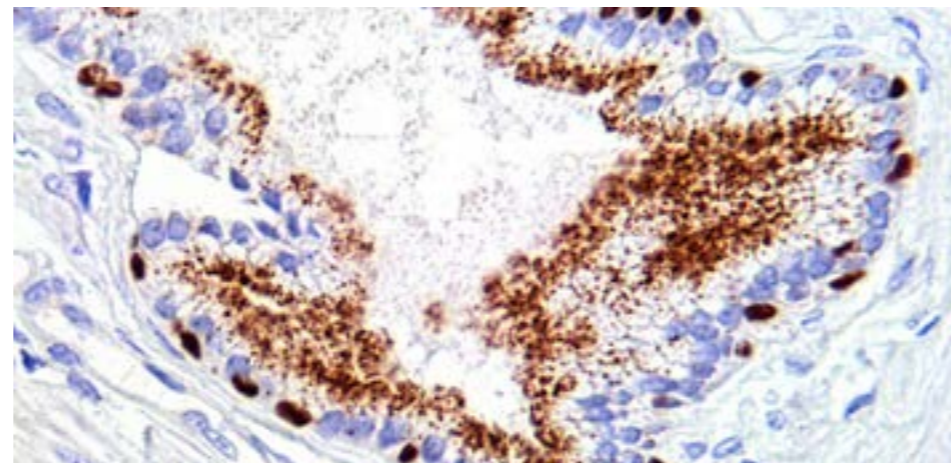


p53 (SP5)

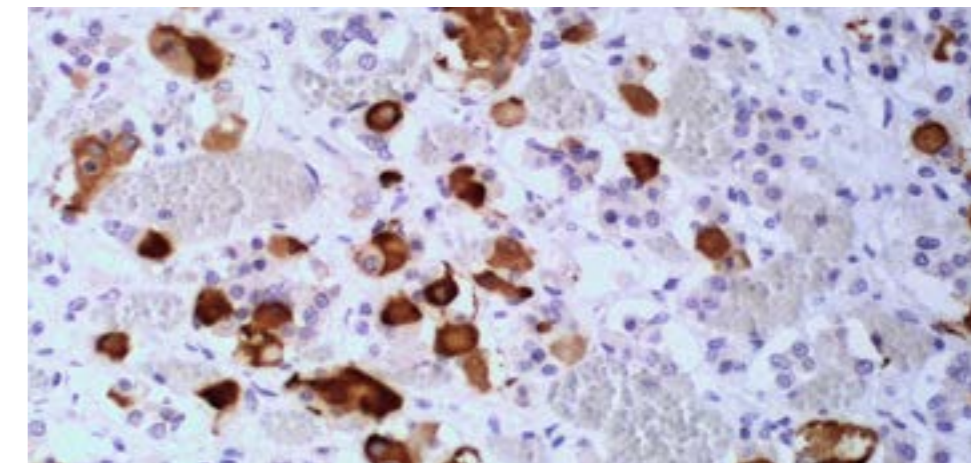
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-000650QD	PAX-2 (EP235)	EP235	Rabbit	IVD	ENDOMETRIUM	N
MAD-000694QD	PAX-5 (MX017)	MX017	Mouse	IVD	TONSIL	N
MAD-000550QD	PAX-8 (MD-50 also known as MRQ-50)	MD-50 also known as MRQ-50	Mouse	IVD	OVARIAN/KIDNEY CARCINOMA	N
MAD-000903QD	PCNA (PC10)	PC10	Mouse	IVD	TONSIL	N
MAD-000671QD	PD-1 (NAT105)	NAT105	Mouse	IVD	TONSIL	M+C
MAD-000740QD	PD-L1 (CAL10)	CAL10	Mouse	IVD	PLACENTA/LUNG CARCINOMA	M+C
MAD-000668QD	PDX1 (EP139)	EP139	Rabbit	IVD	PANCREAS	N
MAD-000182QD	Perforin 1 (5B10)	5B10	Mouse	IVD	SPLEEN	C
MAD-000918QD	PGP 9.5 (Polyclonal)	Polyclonal	Rabbit	IVD	COLON	C
MAD-000584QD	Phosphohistone H3 (PHH3) (Polyclonal)	Polyclonal	Rabbit	IVD	TONSIL	N
MAD-000748QD	PHOX2B (Paired Mesoderm Homeobox Protein 2B) (EP312)	EP312	Rabbit	IVD	NEUROBLASTOMA	N
MAD-000485QD	PIN Cocktail (AMACR/p504S + p63) (13H4+4A4)	13H4+4A4	Rabbit+Mouse	IVD	PROSTATE ADENOCARCINOMA	C+N
MAD-000317QD	Placental Alkaline Phosphatase (SP15)	SP15	Rabbit	IVD	PLACENTA	C
MAD-000681QD	PMS2 (EP51)	EP51	Rabbit	IVD	COLON TUMOR	N
MAD-000744QD	PMS2 (A16-4) *	A16-4	Mouse	IVD	COLON TUMOR	N
MAD-000586QD	PNL2 (PNL2)	PNL2	Mouse	IVD	MELANOMA	C
MAD-000402QD	Podoplanin (D2-40)	D2-40	Mouse	IVD	TONSIL	M+C
MAD-000061QD	Poly (ADP-Ribose) Polymerase 1 (Polyclonal)	Polyclonal	Rabbit	IVD	TONSIL	N
MAD-006540QD	Prealbumin (EPR3219)	EPR3219	Rabbit	IVD	PANCREAS	I
MAD-000670QD	Progesterone Receptor (16)	16	Mouse	IVD	UTERINE CERVIX	N
MAD-007018QD	Prohibitin (Mitochondrial Marker) (MTC02)	MTC02	Mouse	IVD	LIVER	C
MAD-000706QD	Prolactin (EP193)	EP193	Rabbit	IVD	HYPOPHYSIS	C
MAD-000532QD	Prostate-specific antigen (PSA) (ER-PR8)	ER-PR8	Mouse	RUO	PROSTATE	C
MAD-001904QD	Prostatic Acid Phosphatase (PASE/4LJ)	PASE/4LJ	Mouse	IVD	PROSTATE	C
MAD-000766QD	PSMA(EP192)	EP192	Rabbit	IVD	PROSTATE	M+C



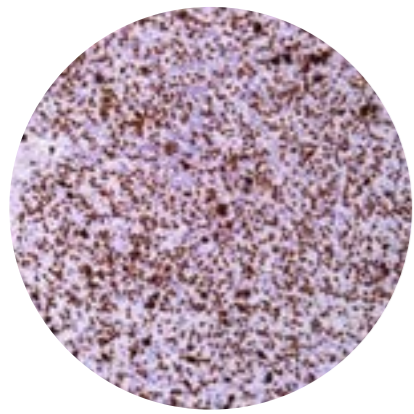
PD-L1 (CAL10)



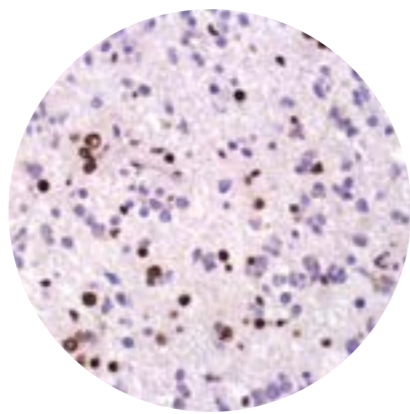
PIN Cocktail (AMACR/p504S + p63) (13H4+4A4)



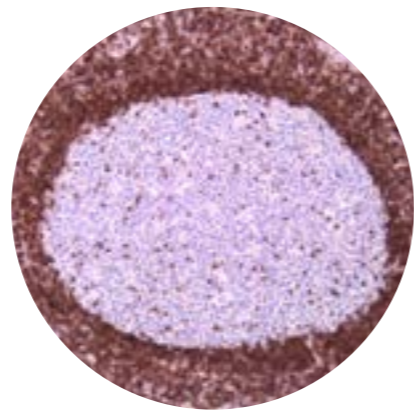
Prolactin (EP193)



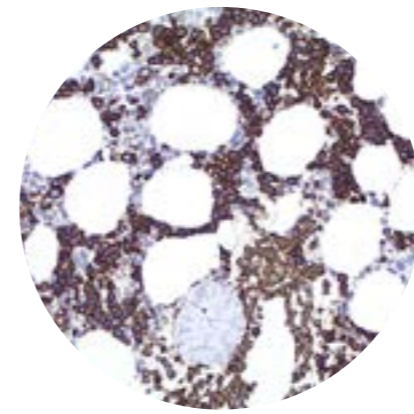
ALK/P80 (5A4)



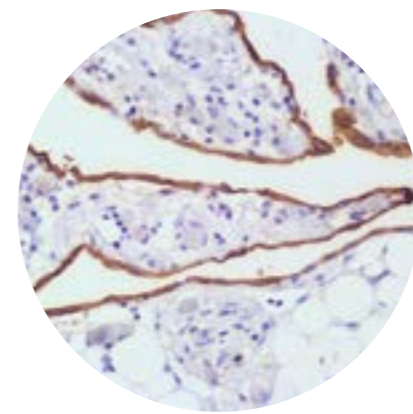
ATRX (Polyclonal)



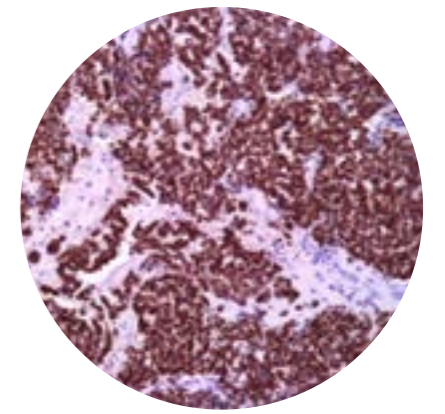
Bcl-2 (EP36)



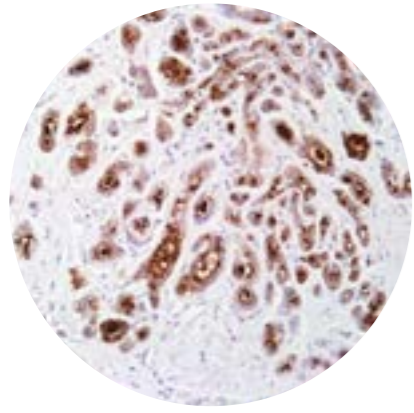
Glycophorin A (JC159)



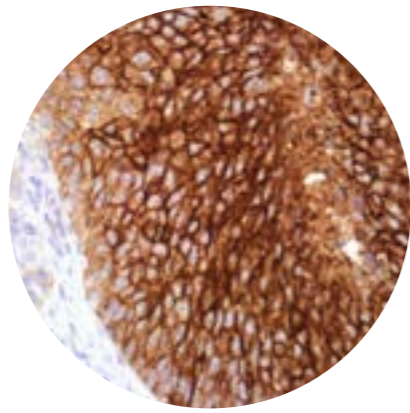
HBME-1 (HBME-1)



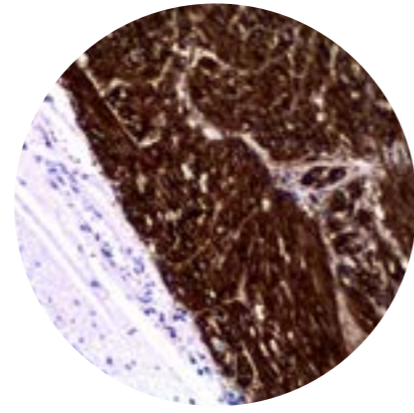
INSM1 (A-8)



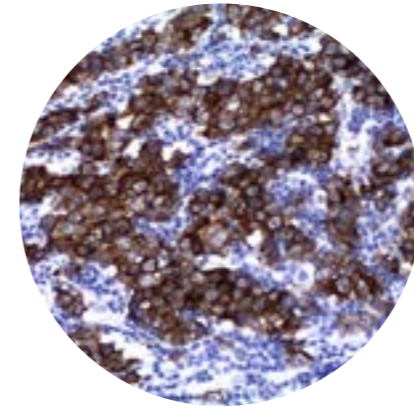
BRST-2/GCDFP-15 (EP95)



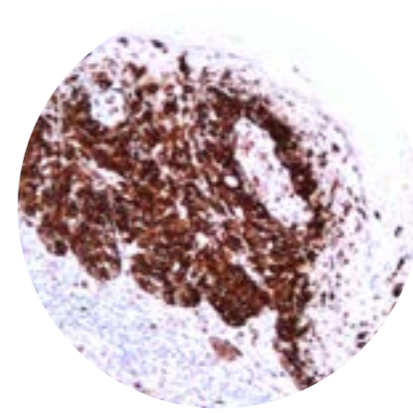
CA125 (Mucin-16) (OC125)



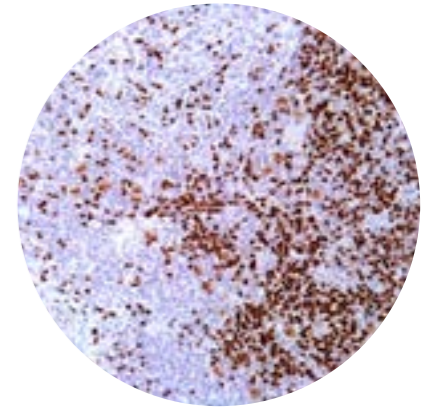
CD117/C-KIT (EP10)



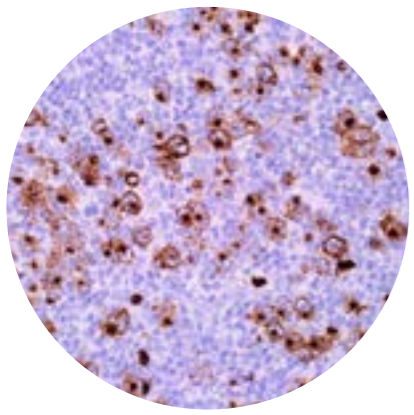
LIN-28 (EP150)



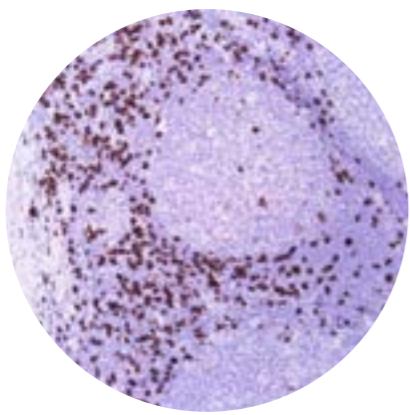
Melanoma (HMB45)



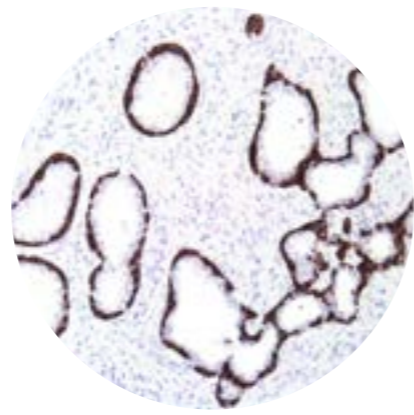
PAX-5 (MX017)



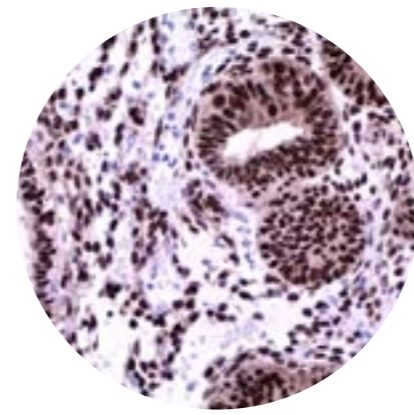
CD15 (MMA)



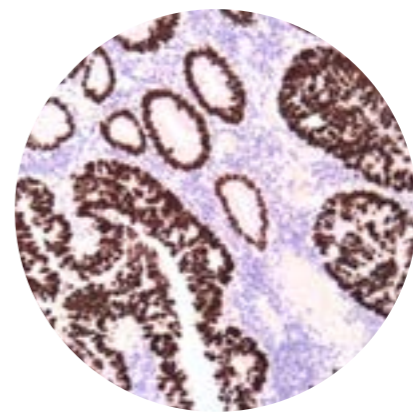
CD8 (SP16)



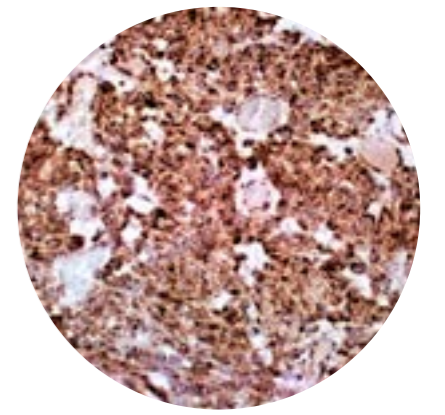
Cytokeratin 5/6 (EP24+EP67)



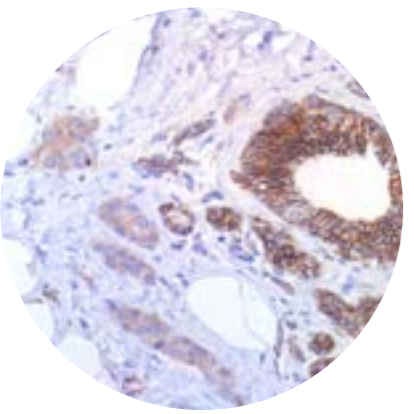
Progesterone Receptor (16)



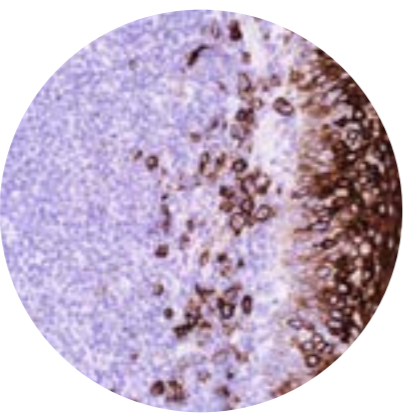
SATB2 (DNA-Binding Protein SATB2)



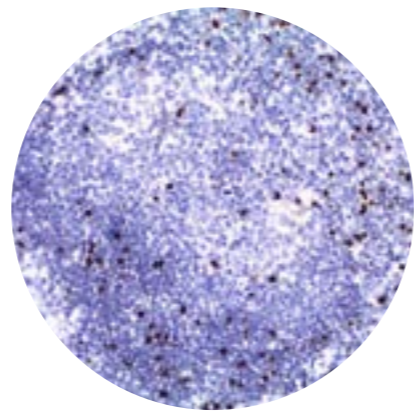
SDHB (EP288)



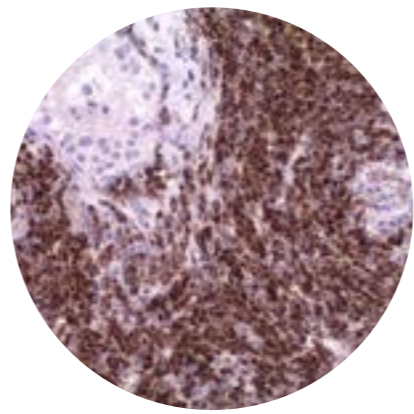
Delta Catenin-1 (p120) (EP66)



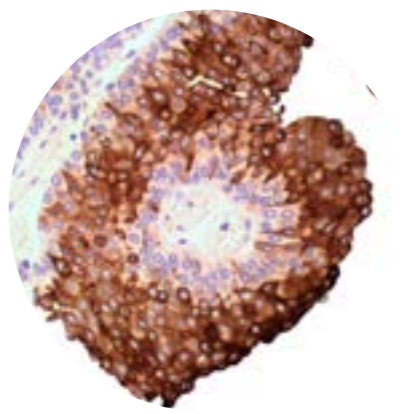
Epithelial Membrane Antigen (EMA) (E29)



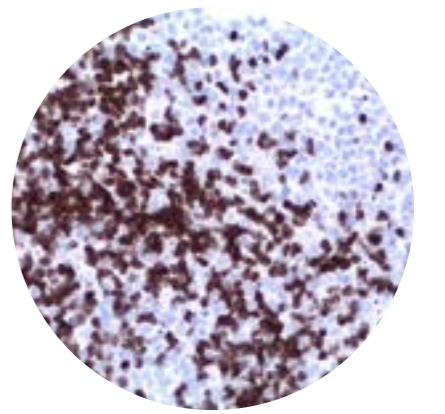
FOXP3 (SP97)



TDT (EP266)

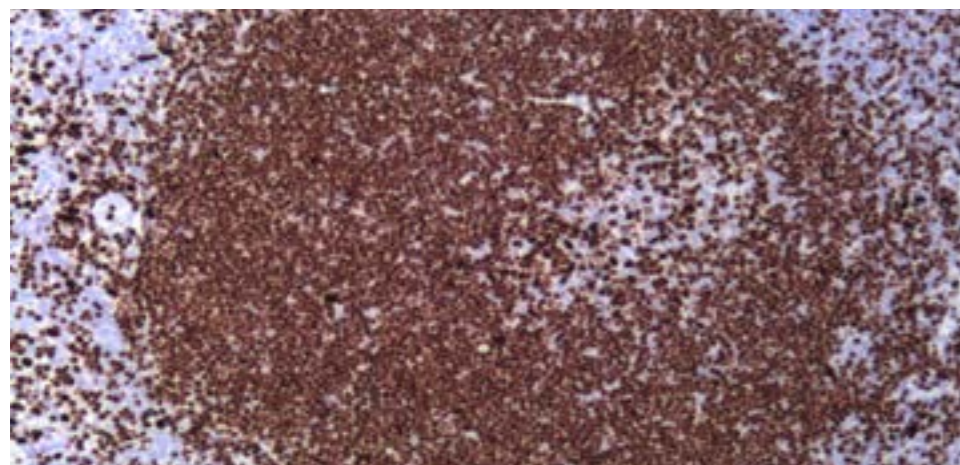


Uroplakin II (BC21)

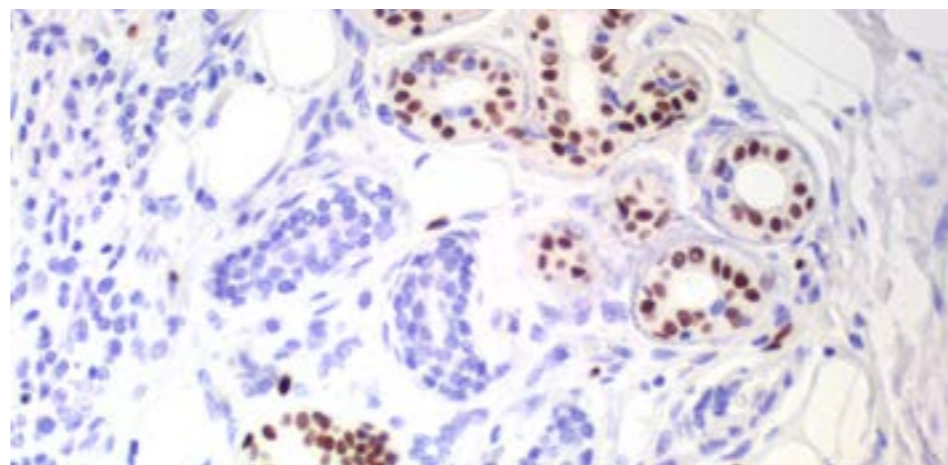


ZAP-70 (2F3)

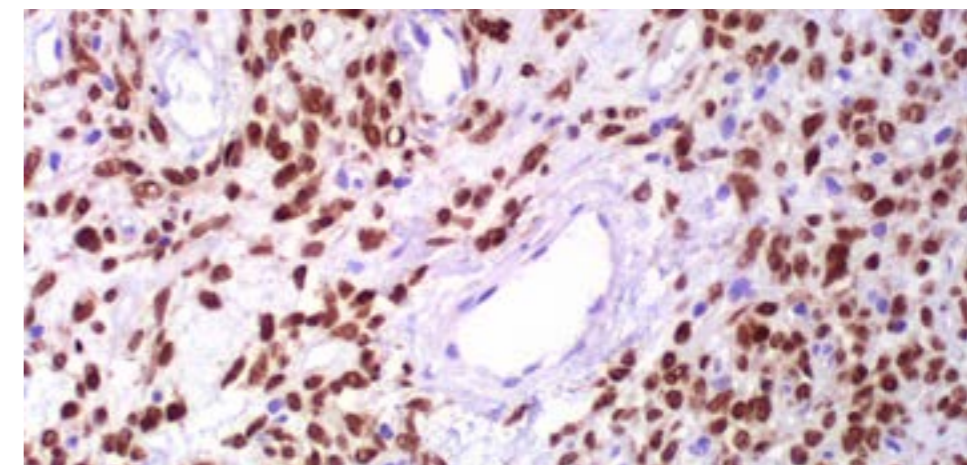
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-000539QD	PTEN (6H2.1)	6H2.1	Mouse	IVD	ENDOMETRIUM	N+C
MAD-001361QD	PTH (Parathyroid Hormone) (77/78)	77/78	Mouse	IVD	PARATHYROID	C
MAD-000642QD	PU-1 (EP18)	EP18	Rabbit	IVD	TONSIL	N
MAD-000900QD	Retinoblastoma/pRb (1F8)	1F8	Mouse	IVD	TONSIL	N
MAD-000746QD	ROS1 (Proto-Oncogene Tyrosine-Protein Kinase ROS) (D4D6)	D4D6	Mouse	IVD	LUNG TUMOR	C
MAD-001221QD	S100 Protein (4C4.9)	4C4.9	Mouse	IVD	MELANOMA	C+N
MAD-000649QD	S100-A1 Protein (EP184)	EP184	Rabbit	IVD	KIDNEY	C
MAD-000592QD	S100-Beta Protein (SP127)	SP127	Rabbit	IVD	LIPOSARCOMA/MELANOMA	C+N
MAD-000639QD	S100-P Protein (16/F5)	16/F5	Mouse	IVD	PLACENTA	C
MAD-000572QD	SALL4 (EE-30)	EE-30	Mouse	IVD	GERM CELL TUMOR	N
MAD-000747QD	SATB2 (DNA-Binding Protein SATB2) (EP281)	EP281	Rabbit	IVD	COLON TUMOR	N
MAD-000739QD	SDHB (EP288)	EP288	Rabbit	IVD	TONSIL	C
MAD-001375QD	Serotonin (5HT-H209)	5HT-H209	Mouse	IVD	COLON	C
MAD-005079QD	Skeletal Muscle Actin (5C5,F8,C7)	5C5,F8,C7	Mouse	IVD	SKELETAL MUSCLE	C
MAD-001195QD	Smooth Muscle Actin (1A4)	1A4	Mouse	IVD	SMALL INTESTINE	C
MAD-000718QD	Smooth Muscle Myosin, Heavy Chain (EP166)	EP166	Rabbit	IVD	NORMAL BREAST	C
MAD-000445QD	Smoothelin (R4A)	R4A	Mouse	IVD	COLON	C
MAD-001380QD	Somatostatin (Polyclonal)	Polyclonal	Rabbit	IVD	PANCREAS	C
MAD-000521QD	SOX-2 (SP76)	SP76	Rabbit	IVD	EMBRYONAL CELL CARCINOMA	N
MAD-000775QD	SOX9 (EP317)	EP317	Rabbit	IVD	NORMAL PANCREAS	N
MAD-000656QD	SOX-10 (EP268)	EP268	Rabbit	IVD	MELANOMA	N
MAD-000581QD	SOX-11 (MD-58 also known as MRQ-58)	MD-58 also known as MRQ-58	Mouse	IVD	MANTLE CELL LYMPHOMA	N
MAD-000598QD	SPARC (Osteonectin) (Polyclonal)	Polyclonal	Rabbit	IVD	TESTICLE	C
MAD-000514QD	Stathmin (STMN1) (SP49) *	SP49	Rabbit	IVD	TONSIL	C
MAD-000763QD	STAT6 (EP325)	EP325	Rabbit	IVD	SOLITARY FIBROUS TUMOR	N



PU-1 (EP18)

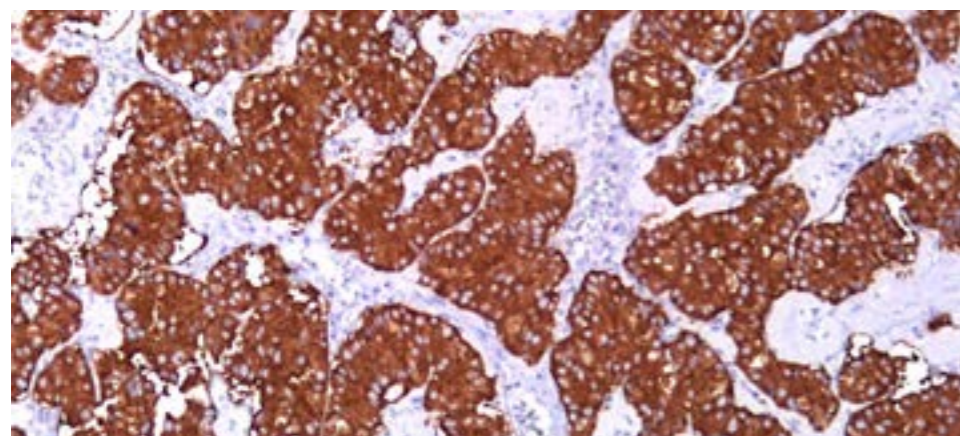


SOX-10 (EP268)

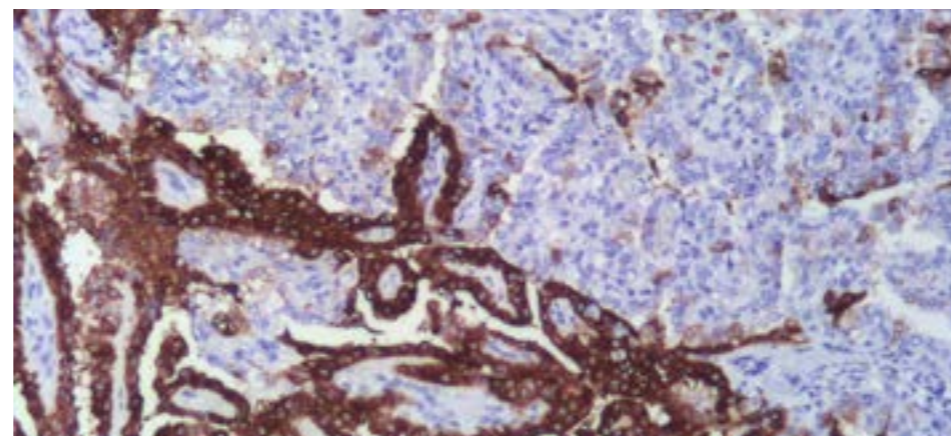


STAT6 (EP325)

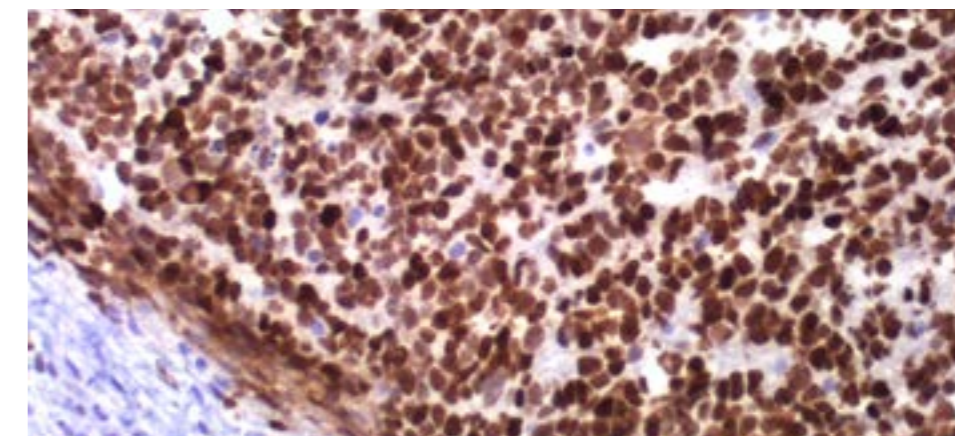
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-000580QD	Steroidogenic Factor 1 (N1665)	N1665	Mouse	RUO	NORMAL ADRENAL GLAND	N
MAD-000629QD	Surfactant apoprotein-A (32E 12) *	32E 12	Mouse	IVD	LUNG	C
MAD-000655QD	Survivin (EP119)	EP119	Rabbit	IVD	TONSIL	N
MAD-000765QD	SV-40 Virus (PAb416)	PAb416	Mouse	IVD	SV40 INFECTED TISSUE	N
MAD-000685QD	Synaptophysin (EP158)	EP158	Rabbit	IVD	PANCREAS	C
MAD-000492QD	T-Box TBX21 (4B10)	4B10	Mouse	IVD	TONSIL	N
MAD-000573QD	TCL1 (EP105)	EP105	Rabbit	IVD	TONSIL	N
MAD-000640QD	TCR B (G-11)	G-11	Mouse	IVD	TONSIL	M+C
MAD-000780QD	TCR C Gamma M1 (H-41)	H-41	Mouse	IVD	TONSIL	M+C
MAD-000659QD	TDT (EP266)	EP266	Rabbit	IVD	LIMFOLASTIC LYMPHOMA	N
MAD-000660QD	Thrombomodulin (EP175)	EP175	Rabbit	IVD	UROTHELIAL CARCINOMA	M+C
MAD-000722QD	Thyroglobulin (EP250)	EP250	Rabbit	IVD	THYROID	C
MAD-000687QD	Thyroid Peroxidase (EP159)	EP159	Rabbit	IVD	THYROID	C
MAD-000927QD	Thyrosinase (T311)	T311	Mouse	IVD	MELANOMA	C
MAD-007056QD	TIA1 (2G9A10F5)	2G9A10F5	Mouse	IVD	SPLEEN	C
MAD-000657QD	TLE1 (1F5)	1F5	Mouse	IVD	SYNOVIAL SARCOMA	N
MAD-000715QD	Tartrate Resistant Acid Phosphatase (9C5)	9C5	Mouse	IVD	HAIRY CELLS LEUKEMIA	C
MAD-000438QD	TRAF1 (TNF receptor-associated factor 1) (H3)	H3	Mouse	IVD	KIDNEY	C
MAD-000609QD	Transcriptional Regulator ERG (9FY)	9FY	Mouse	IVD	PROSTATE ADENOCARCINOMA/NORMAL COLON	N
MAD-000604QD	Transcription Factor E3 (TFE3) (MD-37, also known as MRQ-37)	MD-37, also known as MRQ-37	Mouse	IVD	KIDNEY	N
MAD-000624QD	Treponema Pallidum (Polyclonal)	Polyclonal	Rabbit	IVD	TREPONEM INFECTED TISSUE	C
MAD-000693QD	TSH (Thyroid Stimulating Hormone) (EP254)	EP254	Rabbit	IVD	HYPOPHYSIS	C
MAD-000486QD	TTF-1 (SPT24)	SPT24	Rabbit	IVD	LUNG	N
MAD-000773QD	Uroplakin II (BC21)	BC21	Mouse	IVD	UROTHELIAL CARCINOMA	C
MAD-000764QD	Uroplakin III (BC17)	BC17	Mouse	IVD	UROTHELIAL CARCINOMA	C
MAD-004018QD	VEGF (Vascular Endothelial Growth Factor) (EP1176Y)	EP1176Y	Rabbit	IVD	PLACENTA	M+C



Synaptophysin (EP158)

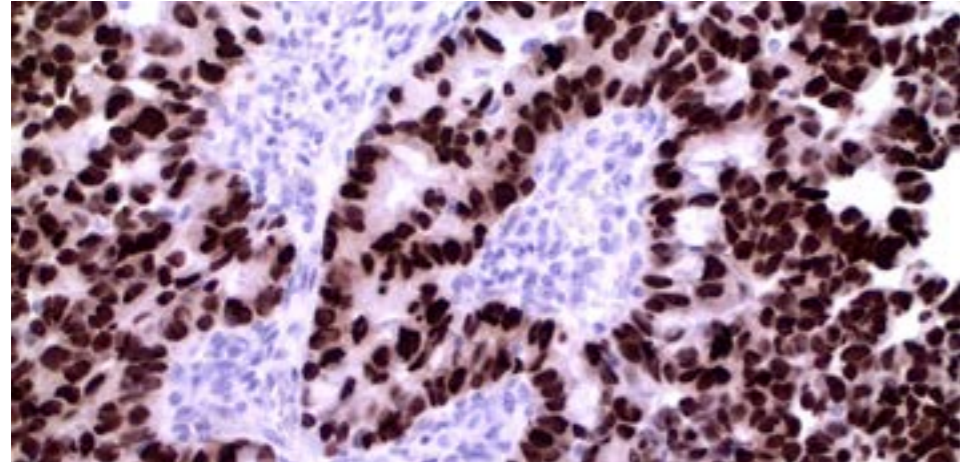


Thyroid Peroxidase (EP159)

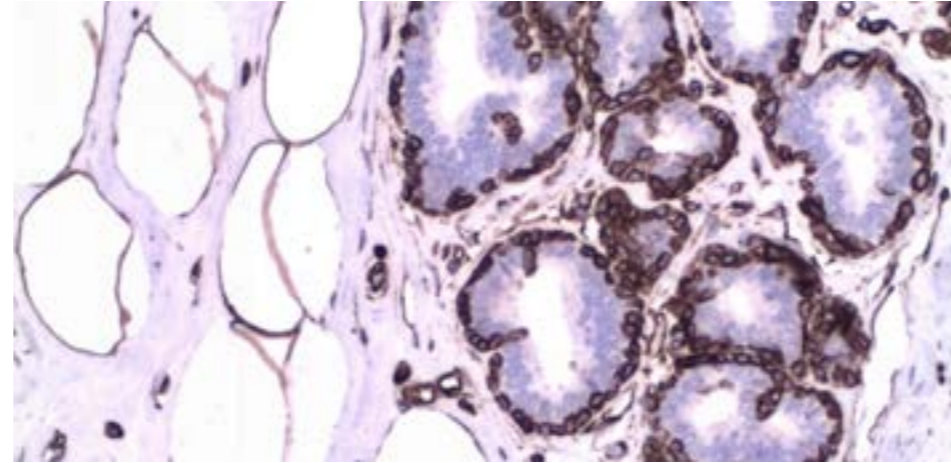


TLE1 (1F5)

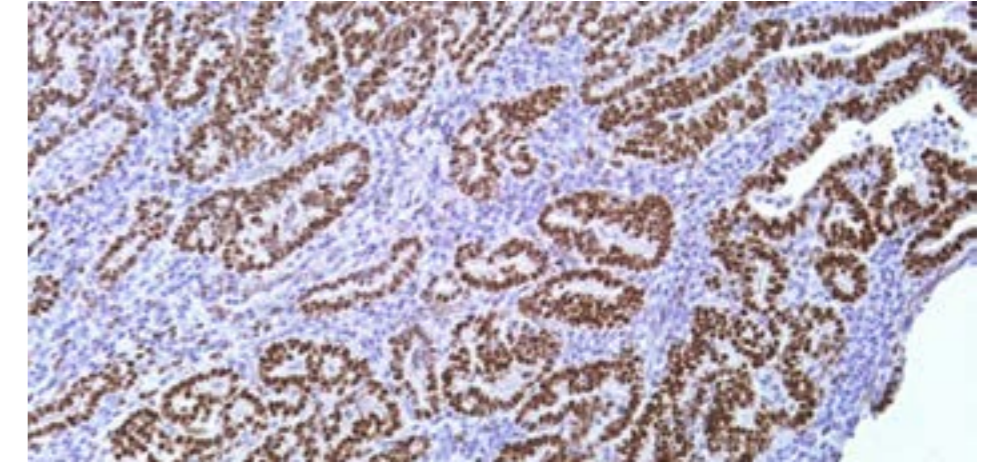
REFERENCE	DESCRIPTION	CLONE	HOST	STATUS	POSITIVE CONTROL	STAINING PATTERN
MAD-000198QD	Villin-1 (CWWB1)	CWWB1	Mouse	IVD	SMALL INTESTINE	M+C
MAD-000326QD	Vimentin (SP20)	SP20	Rabbit	IVD	TMA	C
MAD-000503QD	VIP (H-6)	H-6	Mouse	IVD	COLON	C
MAD-005671QD	WT1 (Wilms Tumor) (6F-H2)	6F-H2	Mouse	IVD	OVARIAN CARCINOMA	N
MAD-000666QD	WT1 (Wilms Tumor) (EP122) *	EP122	Rabbit	IVD	OVARIAN CARCINOMA	N
MAD-000353QD	ZAP-70 (2F3.2)	2F3.2	Mouse	IVD	TONSIL	M+C



TTF-1 (SPT24)



Vimentin (SP20)



WT1 (Wilms Tumor) (6F-H2)

Important markers in different types of pathologies

Organ/System Pathology	Marker
Adrenal pathology	Synaptophysin, Chromogranin, NSE, INSM1, SF-1, EMA, InhibinA, Neurofilament
Breast	RE, RP, AR, CerbB2, Ki67, E-cadherin, Delta-catenin (p120), CK19, p53, p63, Calponin, Smooth muscle myosin heavy-chain, Smooth Muscle Actin (SMA), CK5/6, CK14, CK34betaE12, GCDFP-15, Mam-maglobin, GATA3, Adipophilin, CKAE1-AE3, D2-40, EGFR
Dermatopathology (other than melanoma, lymphoma o sarcomas)	Adipophilin, BerEP4, EMA, CD10, FXIIIa, CD34, CD31, D2-40, CD99, p53, Bcl2, AR, p63, CK5/6, D2-40, CK7, CK20, p16, GLUT1, CD117
Gastrointestinal	CDX2, SATB2, CK7, CK20, CK18, CK19, CA19-9, Villin, CD117, DOG1, S100, CD34, SMA, Desmin, CD56, Synaptophysin, Chromogranin, NSE, INSM1, Ki67, PHH3, MLH1, PMS2, MSH2, MSH6
Germ cell tumours	OCT3/4, PLAP, D2-40, CD117, SOX2, SALL4, Lin28, Glypican3, AFP, CD30, hPL, betahCG, InhibinA, CD10
Gynecopathology	RE, RP, p16, ki67, Vimentin, CEA, Beta-catenin, PAX8, NapsinA, InhibinA, CD56, Calretinin, SF-1, p53, CDX2, CD10, Smooth muscle actin, H-Caldesmon, Calponin, Desmin, WT-1, CA125, GATA3, MLH1, PMS2, MSH2, MSH6, HNF-1 beta, CyclinD1, Fumarate Hydratase, Mioglobin, MyoD1
Hepatopathology	ARG1, HepPar1, Glypican3, HSP70, GS, CK7, CK8, CK18, CK19, CD34, CD10, MOC31, CEAp, MOC31
Infectious	Treponema Pallidum (spirochete), Bartonella Henselae, Helicobacter Pylori, HSV I, HSV II, HSV I+II, HCV, HBVs, HBVc, HHV8, CMV, EBER, LMP1, ParvovirusB19, SV40, MCPyV
Lymphoid pathology	CD45 (LCA), CD45RA, CD45RO, CD20, CD3, PAX5, CD79a, CD19, Bcl2, Bcl6, CD10, CD23, CD21, CD2, CD4, CD5, CD7, CD8, MUM1, Ki67, CD30, CD15, EMA, EBER, LMP1, CyclinD1, SOX11, LEF1, CD38, CD138, Kappa, Lambda, IgM, IgD, IgA, IgG, IgG4, GranzymeA, TiA1, Perforin, CD56, CD57, C-Myc, Tdt, ALK, PD-1, ZAP70 Mieloperoxidase, CD71, GlycophorinA, CD42b, CD61, CD34, CD117, CD33, CD13, CD14, CD16, CD11c, CD11c, CD103, TRAP, AnxinA, CD68, CD163 CD1a, Langerin, Clusterin, S100, CD68, CD163, Fascin, Lysozym
Melanoma	HMB45, MelanA, S100, Ki67, PHH3, PNL2, KBA.62, MiTF, Tyrosinase, SOX10, PanMelanoma, CD63(NKI-C3)
Neuroendocrine	Synaptophysin, Chromogranin, NSE, CD56, INSM1
Neuropathology	IDH-1, S100, Neurofilament, GFAP, MAP-2, SOX10, Myelin basic protein, PHOX2B, OLIG2, Huc/Hud protein, INI1, CD56, Nestin, NeuN, PDP9.5 Ki67, PHH3
Pancreas	Islet1, PDX1, Cadherin 17, CK7, Pancreatic lipase, Lysosime
Pituitary	SF-1, CGA, INSM1, ACTH, LH, FSH, Prolactin, TSH, GH
Pleuro-pulmonar pathology	TTF1, p63, p40, NapsinA, CK5/6, CD56, Synaptophysin, Chromogranin, NSE, INSM1, D2-40, WT-1, Mesothelin, Calretinin, Surfactant apoprotein-A, PD-L1, ROS-1, PODOPLANIN
Sarcoma	SMA, Calponin, H-Caldesmon, Desmina, S100, SOX10, Neurofilament, GFAP, MDM2, CDK4, MUC4, CD31, CD34, FVIII, ERG, D2-40, HHV8, NKX2.2, Fli1, CD99, MyoD1, Myogenin, Myoglobin, Vimentin, SOX9, INI1, TLE1, CD63, Ki67, PHH3
Thyroid pathology	TTF1, Thyroglobulin, Galectin-3, CD56, CK19, TPO, Calcitonin, EMA, Synaptophysin, Chromogranin, NSE, INSM1, NapsinA, PTH
Kidney	PAX8, PAX2, CAIX, CD10, CK7, CD117, p504 (racemase), Vimentin, Kidney-Specific Cadherin, AmyloidA, Transthyretin, Amyloid P, TFE3, MelanA, CathepsinK, SDHB, Fumarate Hydratase
Uropathology	
Prostate	PSA, NKX3.2, PSMA, Prostein (p501s), p504 (Racemase), p63, PIN cocktail (p504+p63), CK34betaE12
Bladder	GATA3, p63, CK20, CD44, p53, Smoothelin, Uroplakin II, Uroplakin III, Trombomodulin

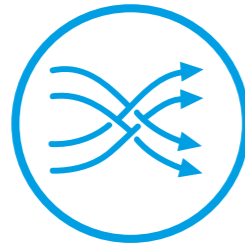
p16INK4/Ki67 Dual Staining Kit

Reference	Description	Format
MAD-001883QK	p16INK4/Ki67 Dual Staining Kit	100 tests
MAD-001883QP-100/V*	p16INK4/Ki67 Dual Staining Kit	100 tests

*Exclusive for MD-Stainer



Validated in cytological and in formalin-fixed and paraffin-embedded tissues



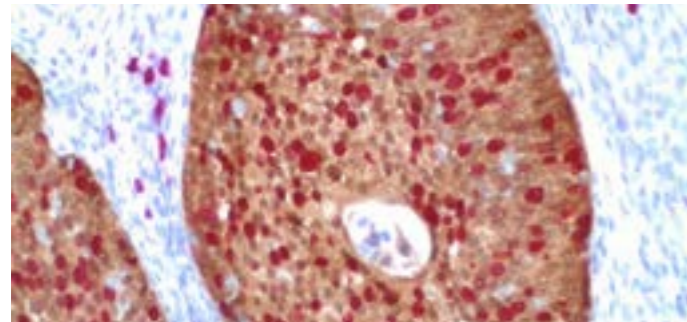
Simultaneous detection of p16 protein and Ki67 proliferative activity marker



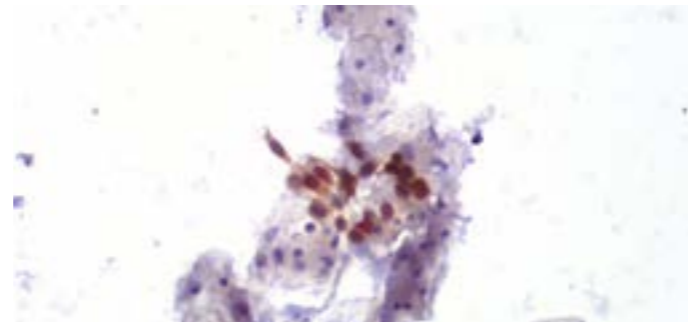
Complete detection kit



Reagents "Ready to use"



p16INK4/Ki67 Dual Staining



p16INK4/Ki67 Dual Staining

The p16INK4 / Ki67 Dual Staining Kit is not available in the following countries: Swiss / Liechtenstein (CH / LI), Germany (DE), Denmark (DK), Spain (ES), France (FR), United Kingdom (GB), Italy (IT), Australia (AU) and Canada (CA). For more information please contact the product supplier.

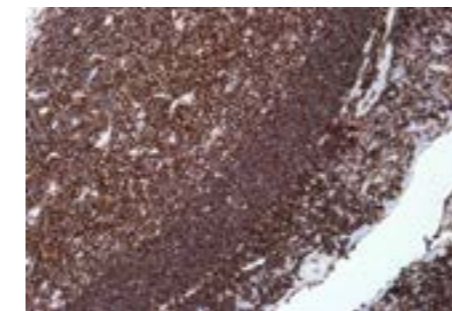
Detection Systems

• Two-step polymers

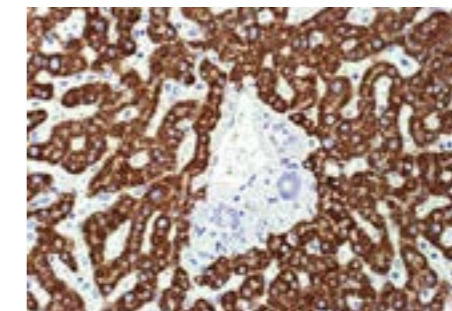
- HRP (Peroxidase) -

Reference	Description	Format
MAD-000237QK	Master Polymer Plus Detection System (Peroxidase) (Incl. DAB Chromogen)	50 ml
MAD-000237QK-10	Master Polymer Plus Detection System (Peroxidase) (Incl. DAB Chromogen)	10 ml
MAD-000237QK-125	Master Polymer Plus Detection System (Peroxidase) (Incl. DAB Chromogen)	125 ml
MAD-000237QK-S	Master Polymer Plus Detection System (Peroxidase) (DAB Chromogen NOT Incl.)	50 ml
MAD-000237QK-S10	Master Polymer Plus Detection System (Peroxidase) (DAB Chromogen NOT Incl.)	10 ml
MAD-000237QP-100/V*	Master Polymer Plus Detection System (Peroxidase)	100 tests
MAD-000237QP-400/V*	Master Polymer Plus Detection System (Peroxidase)	400 tests

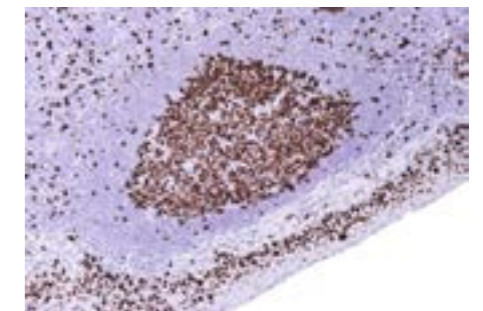
*Exclusive for MD-Stainer



CD45 (2B11&PD7/26)



Hepatocyte Specific Antigen (Hep Par 1) (OCH1E5)

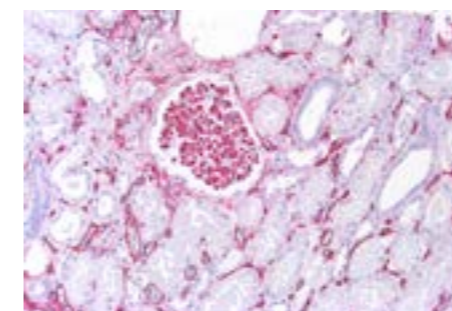


KI 67 (SP6)

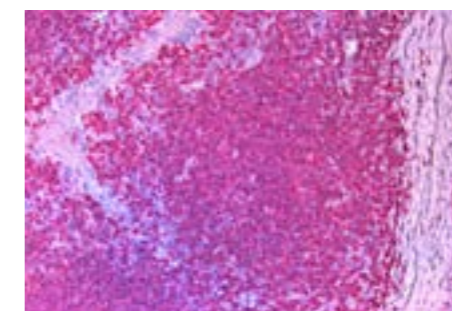
- AP (Alkaline Phosphatase) -

Reference	Description	Format
MAD-000230QK	Master Polymer Plus Detection System (Phosphatase) (Incl. AP Chromogen)	50 ml
MAD-000230QK-10	Master Polymer Plus Detection System (Phosphatase) (Incl. AP Chromogen)	10 ml
MAD-000230QP-100/V*	Master Polymer Plus Detection System (Phosphatase)	100 tests
MAD-000230QP-400/V*	Master Polymer Plus Detection System (Phosphatase)	400 tests

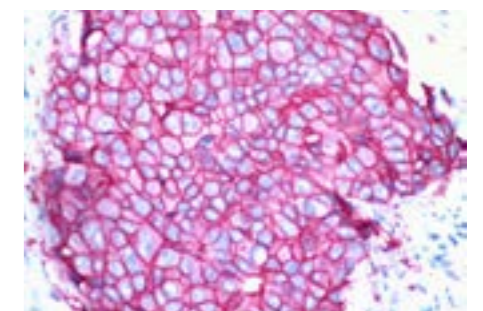
*Exclusive for MD-Stainer



CD34 (QB-End/10)



CD20 (L26)



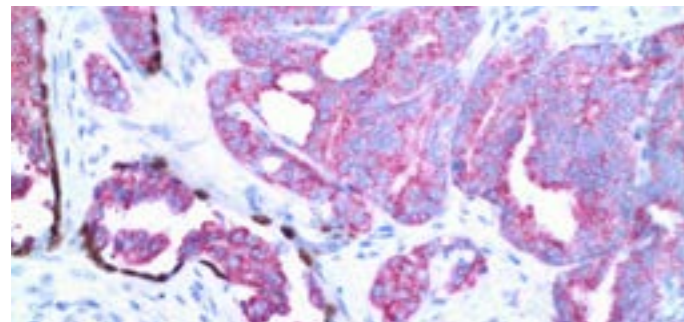
C-erbB-2/HER2/NEU (SP3)



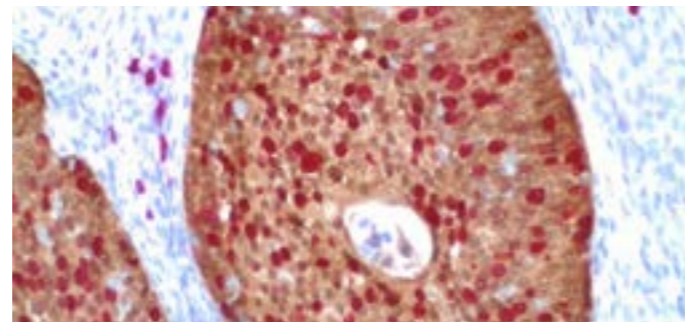
- Dual Staining Kits -

Reference	Description	Format
MAD-001882QK	Master Dual Staining Kit	50 ml
MAD-1882QP-100/V*	Master Dual Staining Kit	100 tests
MAD-1882QP-400/V*	Master Dual Staining Kit	400 tests

*Exclusive for MD-Stainer



PIN Cocktail (AMACR/p504s+p63) (13H4+4A4)



p16-INK4/Ki67 (MX007/SP6)

• Other detection systems

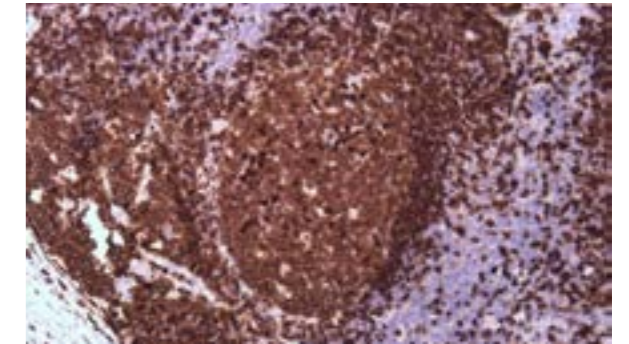
- Anti-Goat (HRP) -

Reference	Description	Format
MAD-000238QP-3	Master Polymer anti-Goat	3 ml
MAD-000238QP-7	Master Polymer anti-Goat	7 ml
MAD-000238QP-12	Master Polymer anti-Goat	12 ml

Chromogens

- For HRP (Peroxidase) Systems -

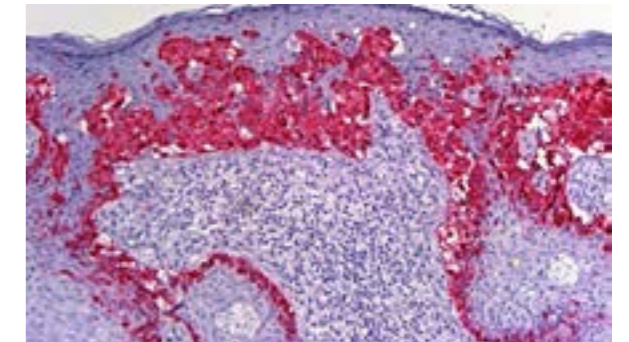
Reference	Description	Format
MAD-001812QK	Immunoperoxidase DAB Kit (Dark Brown)	100 tests
MAD-001811QK	Immunoperoxidase DAB Kit (Dark Brown)	500 tests



CD79a/MB-1 (SP18)

- For AP (Alkaline Phosphatase) Systems -

Reference	Description	Format
MAD-001818QK	Immunophosphatase AP Kit (Red)	100 tests
MAD-001815QK	Immunophosphatase AP Kit (Red)	500 tests

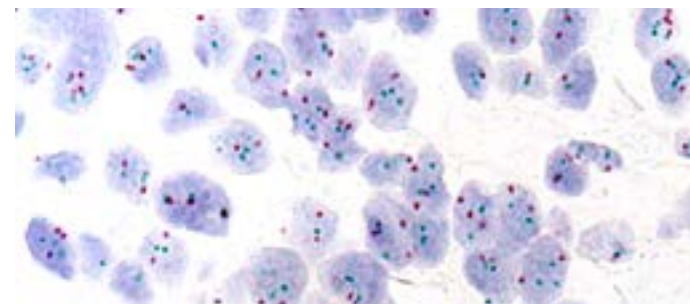


MELAN A/MART-1 (EP43)

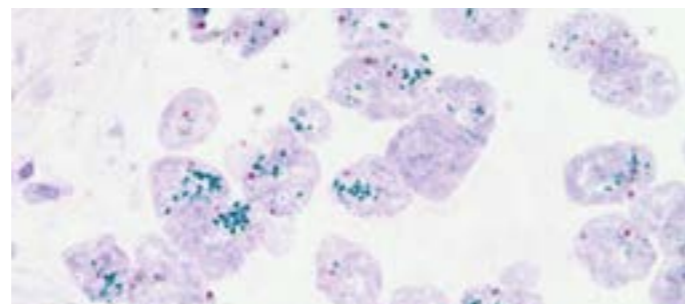
Chromogenic “in situ” hybridization (CISH)

- HER2/CEN17 Dual CISH -

Reference	Description	Format
MAD-001896QK-40	HER2/CEN 17 Dual CISH detection kit (Zytovision technology)	40 test



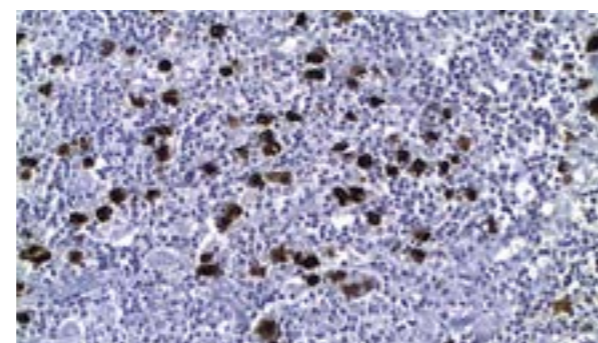
HER2/CEN17 Dual CISH



HER2/CEN17 Dual CISH

- Epstein Barr Virus (EBER) -

Reference	Description	Format
MAD-001893QH	Epstein Barr Virus (EBER) CISH Kit	20 test
MAD-001897QK	Epstein Barr Virus (EBER) CISH Detection Kit (Incl. DetectionSystem)	20 test
MAD-001893QH/V*	Epstein Barr Virus (EBER) CISH Kit	20 test

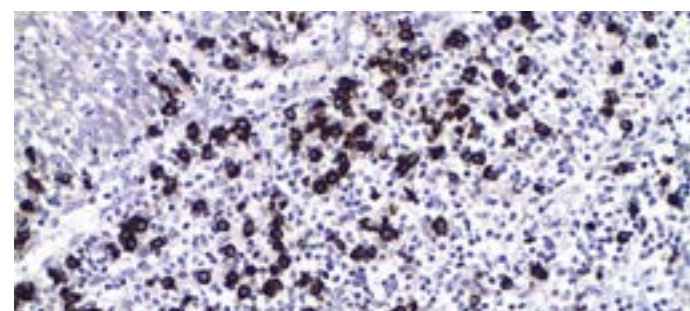


Epstein Barr Virus (EBER)

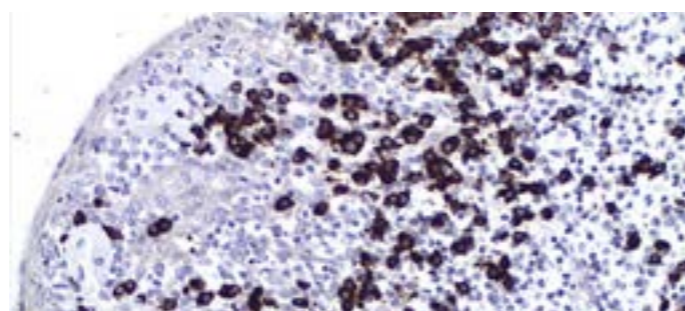
*Exclusive for MD-Stainer

- Kappa and Lambda light chains -

Reference	Description	Format
MAD-001894QH	Immunoglobulin Lambda Light Chains CISH Kit (using Zytovision technology)	20 test
MAD-001898QK	Immunoglobulin Lambda Light Chains CISH Detection Kit (Incl. Detection System) (using Zytovision technology)	20 test
MAD-001895QH	Immunoglobulin Kappa Light Chains CISH Kit (using Zytovision technology)	20 test
MAD-001899QK	Immunoglobulin Kappa Light Chains CISH Detection Kit (Incl. Detection System) (using Zytovision technology)	20 test



Kappa Light Chain



Lambda Light Chain - foto 76

Immunofluorescence Products

• Direct Immunofluorescence

Reference	Description	Clone	Format
MAD-165751QF	Anti-Human C3c (Polyclonal)-FITC	Polyclonal	Concentrate
MAD-165753QF	Anti-Human Gamma Heavy Chain (IgG)(Polyclonal)-FITC	Polyclonal	Concentrate
MAD-165755QF	Anti-Human Mu Heavy Chain (IgM) (47.2.E9)-FITC	47.2.E9	Concentrate
MAD-165756QF	Anti-Human C4 (Polyclonal)-FITC	Polyclonal	Concentrate
MAD-165759QF	Anti-Human C1q (Polyclonal)-FITC	Polyclonal	Concentrate
MAD-165761QF	Anti-Human Fibrinogen (Polyclonal)-FITC	Polyclonal	Concentrate
MAD-165763QF	Anti-Human Alpha Heavy Chain (IgA)(Polyclonal)-FITC	Polyclonal	Concentrate
MAD-165765QF	Anti-Human Albumin (Polyclonal)-FITC	Polyclonal	Concentrate
MAD-165779QF	Anti-Human Kappa Light Chain (Polyclonal)-FITC	Polyclonal	Concentrate
MAD-165781QF	Anti-Human Lambda Light Chain (Mc24-IC6)-FITC	Mc24 - IC6	Concentrate
MAD-165751QF-3	Anti-Human C3c (Polyclonal)-FITC	Polyclonal	Ready to Use
MAD-165753QF-3	Anti-Human Gamma Heavy Chain (IgG)(Polyclonal)-FITC	Polyclonal	Ready to Use
MAD-165755QF-3	Anti-Human Mu Heavy Chain (IgM) (47.2.E9)-FITC	47.2.E9	Ready to Use
MAD-165756QF-3	Anti-Human C4 (Polyclonal)-FITC	Polyclonal	Ready to Use
MAD-165759QF-3	Anti-Human C1q (Polyclonal)-FITC	Polyclonal	Ready to Use
MAD-165761QF-3	Anti-Human Fibrinogen (Polyclonal)-FITC	Polyclonal	Ready to Use
MAD-165763QF-3	Anti-Human Alpha Heavy Chain (IgA)(Polyclonal)-FITC	Polyclonal	Ready to Use
MAD-165765QF-3	Anti-Human Albumin (Polyclonal)-FITC	Polyclonal	Ready to Use
MAD-165779QF-3	Anti-Human Kappa Light Chain (Polyclonal)-FITC	Polyclonal	Ready to Use
MAD-165781QF-3	Anti-Human Lambda Light Chain (Mc24-IC6)-FITC	Mc24 - IC6	Ready to Use

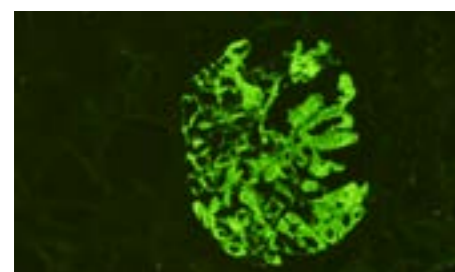
• Indirect Immunofluorescence

- Primary Antibodies -

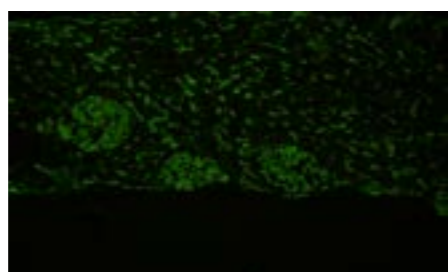
Reference	Description	Clone	Format
MAD-165782QF	Anti-Human C4d (10-11)	10-11	Concentrate
MAD-165782QF-3	Anti-Human C4d (10-11)	10-11	Ready to Use

- Secondary Antibodies -

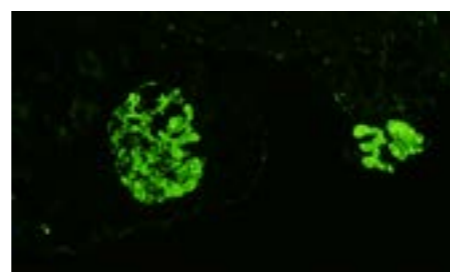
Reference	Description	Clone	Format
MAD-165783QF	Goat Anti-Mouse IgG (H&L) - FITC	N/A	Concentrate
MAD-165782QF-3	Goat Anti-Mouse IgG (H&L) - FITC	N/A	Ready to Use



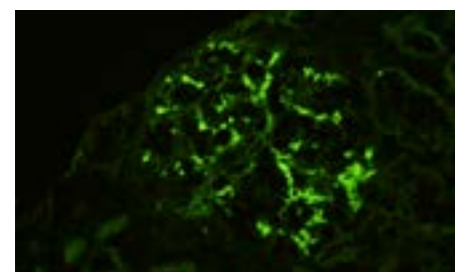
Anti-Human C1q (Polyclonal)-FITC



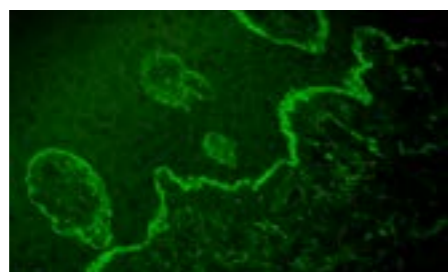
Anti-Human C4 (Polyclonal)-FITC



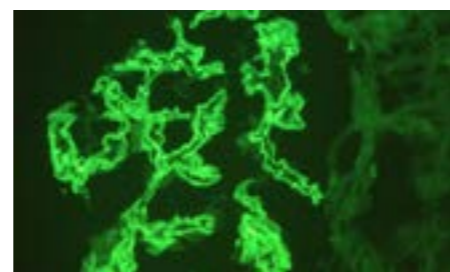
Anti-Human Kappa Light Chain (Polyclonal)-FITC



Anti-Human Alpha Heavy Chain (IgA) (Polyclonal)-FITC



Anti-Human C3c (Polyclonal)-FITC



Anti-Human Gamma Heavy Chain (IgG) (Polyclonal)-FITC

Other presentations for the antibodies are available. For more information do not hesitate to contact us.

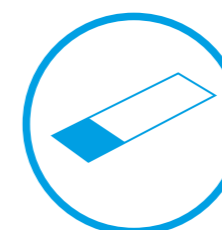
MD-STAINER Automatic System



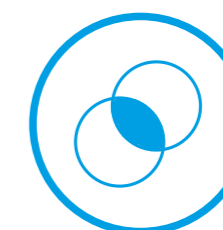
Reference	Description	Format
PAT-SS1	MD-Stainer	1 Unit



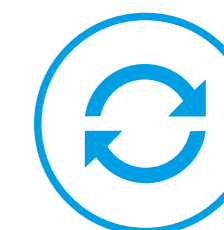
FULLY AUTOMATED PROTOCOLS WHICH ALLOW OVERNIGHT PROCESSING (IHC, FISH, CISH)



36 DETERMINATIONS IN INDEPENDENT AND MOTORIZED INCUBATION CHAMBERS



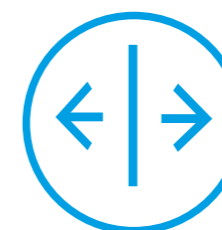
POSSIBILITY OF COMBINING DIFFERENT TYPE OF PROTOCOLS IN THE SAME WORKFLOW



CONTINUOUS LOADING



MINIMAL RESIDUES GENERATION



SEPARATION OF DANGEROUS AND NON-DANGEROUS REAGENTS



INCREASE LABORATORY PRODUCTIVITY



REDUCE HUMAN ERRORS

Ancillary Products

- Contrast Hematoxylin -

Reference	Description	Format
MAD-108.250M	Haematoxylin	250 ml
MAD-108.1000	Haematoxylin	1000 ml
MAD-108.2500	Haematoxylin	2500 ml



- Heat Antigen Retrieval Solutions -

Reference	Description	Format
MAD-004071R	Citrate Buffer 10X	100 ml Concentrate
MAD-004071R-10	Citrate Buffer 10X	1000 ml Concentrate
MAD-004071R/D	Citrate Buffer 10X pH6 (PT Module)	1000 ml Concentrate
MAD-004072R	EDTA Buffer 10X	100 ml Concentrate
MAD-004072R-5	EDTA Buffer 10X	500 ml Concentrate
MAD-004072R/D	EDTA Buffer 10X pH8 (PT Module)	1000 ml Concentrate
MAD-004070R	Tris-EDTA Buffer 10X pH9	100 ml Concentrate
MAD-004070R-5	Tris-EDTA Buffer 10X pH9	500 ml Concentrate
MAD-004070R-10	Tris-EDTA Buffer 10X pH9	1000 ml Concentrate
MAD-004070R/D	Tris-EDTA Buffer 10X pH9 (PT Module)	1000 ml Concentrate

Reference	Description	Format
MAD-004079R/200*	pH 6.0 Pre-Treatment Kit	200 tests
MAD-004075R/200*	pH 9.0 Pre-Treatment Kit	200 tests



*Exclusive for MD-Stainer

- Enzymes for Antigen Retrieval -

Reference	Description	Format
MAD-024081R	Pepsin (for antigen retrieval)	5 ml
MAD-001892QE	Proteinase K Concentrated Solution (10 mg/mL)	200 ul
MAD-024082	Trypsin (for antigen retrieval)	5 ml

Reference	Description	Format
MAD-001892QECM/V*	Enzyme 1 (Proteinase K Solution (10 mg/mL)	20 tests
MAD-024081R/V*	Enzyme 2 (Pepsin for antigen retrieval)	20 tests

*Exclusive for MD-Stainer

- Washing Buffers -

Reference	Description	Format
MAD-P4417-T	Phosphate Buffered Saline (tablet)	5 units
MAD-004076R	TBS Buffer 10X	100 ml
MAD-004076R-5	TBS Buffer 10X	500 ml
MAD-004076R-10	TBS Buffer 10X	1000 ml
MAD-004077R	TBS Tween 20 Buffer 10X	100 ml
MAD-004077R-5	TBS Tween 20 Buffer 10X	500 ml
MAD-004077R-10	TBS Tween 20 Buffer 10X	1000 ml

- Antibody diluent -

Reference	Description	Format
MAD-004048R	Antibody Diluent	50 ml
MAD-004048R-100	Antibody Diluent	100 ml
MAD-004048R-250	Antibody Diluent	250 ml

- DAB Enhancer -

Reference	Description	Format
MAD-001560Q	DAB Enhancer	100 ml
MAD-001560Q-4	DAB Enhancer	4 ml
MAD-001560Q-10	DAB Enhancer	10 ml
MAD-001560Q-50	DAB Enhancer	50 ml

- Peroxidase Blocking -

Reference	Description	Format
MAD-021540Q	Peroxidase Blocking Reagent	18 ml
MAD-021540Q-10	Peroxidase Blocking Reagent	10 ml
MAD-021540Q-50	Peroxidase Blocking Reagent	50 ml
MAD-021540Q-100	Peroxidase Blocking Reagent	100 ml
MAD-021540Q-125	Peroxidase Blocking Reagent	125 ml
MAD-021540Q-250	Peroxidase Blocking Reagent	250 ml

- Slides for IHC -

Reference	Description	Format
MAD-15-188-55/100	IHC Treated Slides	100 units per box



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