

## IHC Antibodies

Epredia antibodies are designed for multiple applications such as clinical research IHC and applications other than IHC, such as Western Blotting of immunoprecipitation. For the latest product offerings and updates, visit [Epredia.com](http://Epredia.com) or contact your local representative.

Concentrates are available in 1 mL (-S, -A, or -P), 0.5 mL, and 0.1 mL sizes and are ready to use in 7 mL (-R7, for use with LP detection system) or 12 mL (-RQ, for use with Quanto detection system), and are considered In Vitro Diagnostic (IVD) devices, Research Use Only (RUO) devices, or Analyte Specific Reagent (ASR, US-only). Please check the website for azide-free formats.

### Part Number Key

<b>HM</b> Hamster Monoclonal	<b>MS</b> Mouse Monoclonal	<b>MV</b> MultiVision	<b>NC</b> Negative Control	<b>RB</b> Rabbit Polyclonal	<b>RM</b> Rabbit Monoclonal	<b>SH</b> Sheep Polyclonal
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Description	REF Num	
Mucin 1 (MUC-1)	HM-1630	RUO
14.3.3 pan	MS-1504	RUO
14.3.3 sigma [1433S01]	MS-1185	RUO
Actin, Muscle Specific [HHF35]	MS-742	IVD
Actin, Muscle Specific [MSA06]	MS-1296	RUO
Actin, pan [ACTN05]	MS-1295	RUO
Actin, Skeletal Muscle [5C5.F8.C7]	MS-185	RUO
Actin, Smooth Muscle [1A4]	MS-113	IVD
Adenovirus [M58 + M73]	MS-1069	RUO
Adrenocorticotrophic Hormone (ACTH)	MS-452	IVD
ALK (Anaplastic Lymphoma Kinase) / p80 [5A4]	MS-1104	IVD
Amyloid A Component	MS-1219	RUO
Amyloid A4 / Amyloid Beta	MS-1167	RUO
Androgen Receptor [AR441]	MS-443	RUO
Bax	MS-711	RUO
Bax	MS-714	RUO
BCL-2alpha [100/D5]	MS-123	IVD
BCL-6 [BCL6.2]	MS-1114	RUO
BCL-6 [LN22]	MS-1936	IVD
BCL-XL	MS-1334	RUO
Biotin	MS-1048	RUO
c-Abl	MS-938	RUO

Description	REF Num	
c-erbB-2 / HER-2 / neu	MS-229	RUO
c-erbB-2 / HER-2 / neu	MS-302	RUO
c-erbB-2 / HER-2 / neu	MS-600	RUO
c-erbB-2 / HER-2 / neu	MS-301	RUO
c-erbB-2 / Her-2 / neu	MS-1350	RUO
c-erbB-2 / HER-2 / neu (Phospho-specific)	MS-1072	RUO
c-erbB-2 / HER-2 / neu [3B5]	MS-599	RUO
c-erbB-2 / HER-2 / neu [e2-4001 + 3B5]	MS-730	IVD/ASR
c-erbB-2 / HER-2 / neu [e2-4001]	MS-325	RUO
c-erbB-3 / HER-3 [2B5]	MS-310	RUO
c-erbB-3	MS-201	RUO
c-erbB-3 / HER-3 [H3.90.6]	MS-262	RUO
c-erbB-4 / Her-4	MS-270	RUO
c-erbB-4 / Her-4	MS-304	RUO
c-myc	MS-139	RUO
CA 125 (Ovarian Cancer Antigen)	MS-1151	IVD
CA19-9 / Sialyl Lewis a (GI Tumor Marker) [116-NS-19-9]	MS-1811	RUO
CA19-9 / Sialyl Lewis a (GI Tumor Marker) [121SLE]	MS-379	IVD
Cadherin E / E-Cadherin	MS-1862	RUO
Caldesmon, HMW	MS-1169	IVD
Calponin	MS-1168	IVD
Caspase 3 (CPP32)	MS-1121	RUO

Description	REF Num	
Caspase 8 (FLICE)	MS-1143	RUO
CD10/CALLA (Neutral Endopeptidase)	MS-728	IVD
CD105 / Endoglin / TGF-beta1/3 Receptor	MS-1290	RUO
CD106 / VCAM-1	MS-1101	RUO
CD117 / c-Kit / SCF-Receptor	MS-289	RUO
CD137 (4-1BB) [BBK-2]	MS-621	RUO
CD138	MS-1793	IVD
CD141 / Thrombomodulin	MS-1102	RUO
CD15	MS-1259	IVD
CD155 / PVR (Poliovirus Receptor)	MS-465	RUO
CD163	MS-1103	RUO
CD1a [MTB1]	MS-746	RUO
CD1a [O10]	MS-1856	IVD
CD2 [LFA-2]	MS-1074	IVD
CD20 [L26]	MS-340	IVD
CD21 [2G9]	MS-1086	IVD
CD23	MS-729	IVD
CD24 (GPI-linked surface mucin)	MS-1278	RUO
CD24 (GPI-linked surface mucin) [SN3b]	MS-1279	RUO
CD25 / IL-2Ralpha	MS-203	RUO
CD29 (Integrin Beta-1)	MS-596	RUO
CD30 (Reed-Sternberg Cell Marker)	MS-361	IVD
CD30 (Reed-Sternberg Cell Marker)	MS-1857	IVD
CD31 / PECAM-1 (Endothelial Cell Marker)	MS-353	IVD
CD34 [QBEnd/10] I	MS-363	IVD
CD35 / CR1 (Follicular Dendritic Cell Marker)	MS-336	RUO
CD36 / GPIIb / GPIV /	MS-756	RUO
CD38	MS-983	RUO
CD3epsilon (Early T-Cell Marker)	MS-1880	RUO
CD4	MS-1528	IVD
CD42b (GPIb)	MS-1174	RUO
CD43 / T-Cell Marker	MS-146	IVD
CD44 Std. / HCAM	MS-178	RUO
CD44 Std. / HCAM	MS-668	IVD
CD45 / T200 / LCA	MS-355	IVD
CD45RO (T-Cell Marker)	MS-112	IVD
CD47	MS-1302	RUO

Description	REF Num	
CD5	MS-393	IVD
CD54 / ICAM-1	MS-305	RUO
CD56 / NCAM-1	MS-1149	IVD
CD57 (Natural Killer Cell Marker)	MS-136	IVD
CD68 / Macrophage Marker	MS-397	IVD
CD68 / Macrophage Marker	MS-1808	IVD
CD71 / Transferrin Receptor	MS-1096	RUO
CD74	MS-131	IVD
CD79a / mb-1 (B Cell Marker) [HM47/A9]	MS-357	RUO
CD8	MS-457	IVD
CD81 / TAPA-1	MS-502	RUO
CD99 / MIC2 (Ewing's Sarcoma Marker)	MS-294	IVD
CD99 / MIC2 (Ewing's Sarcoma Marker)	MS-1633	RUO
CDC6	MS-867	RUO
CDC25C	MS-751	RUO
Cdh1	MS-1116	RUO
Cdk1 / p34 cdc2	MS-110	RUO
Cdk4	MS-299	RUO
Cdk5	MS-906	RUO
Cdk5	MS-1059	RUO
CDw75	MS-130	IVD
Chk2	MS-1330	RUO
Chromogranin A [LK2H10]	MS-324	IVD
Chromogranin A [LK2H10 + PHE5]	MS-382	RUO
Collagen II [2B1.5]	MS-235	RUO
Collagen II [5B2.5]	MS-234	RUO
Collagen II [6B3]	MS-306	RUO
Collagen VII	MS-444	RUO
Cyclin B1	MS-868	RUO
Cyclin B1	MS-869	RUO
Cyclin D1 / Bcl-1	MS-210	RUO
Cyclin D1 / Bcl-1	MS-211	RUO
Cyclin D2	MS-213	RUO
Cyclin D2	MS-221	RUO
Cyclin D3	MS-215	RUO
Cyclin E	MS-870	RUO
Cystic Fibrosis Transmembrane Regulator (CFTR) [L12B4]	MS-1248	RUO

Description	REF Num	
Cystic Fibrosis Transmembrane Regulator (CFTR) [M3A7]	MS-1249	RUO
Cytochrome c	MS-1192	RUO
D2-40 [D2-40]	MS-1940	IVD
Desmin (Muscle Cell Marker)	MS-376	IVD
DNA-PKcs	MS-369	RUO
DOG-1	MS-1933	IVD
DP-1 Transcription Factor	MS-1056	RUO
Epidermal Growth Factor Receptor / EGFR	MS-268	RUO
Epidermal Growth Factor Receptor / EGFR	MS-311	RUO
Epidermal Growth Factor Receptor / EGFR	MS-378	RUO
Epidermal Growth Factor Receptor / EGFR	MS-609	RUO
Epidermal Growth Factor Receptor / EGFR	MS-269	RUO
Epidermal Growth Factor Receptor / EGFR	MS-316	RUO
Epidermal Growth Factor Receptor / EGFR	MS-396	RUO
Epidermal Growth Factor Receptor / EGFR	MS-665	RUO
Epithelial Membrane Antigen /EMA	MS-348	IVD
Epithelial Membrane Antigen /EMA	MS-741	IVD
Epithelial Specific Antigen	MS-675	RUO
Epithelial Specific Antigen (EMA)	MS-181	RUO
Epithelial Specific Antigen (EMAb-7) [MOC-31] Mouse	MS-1825	RUO
Epithelial Specific Antigen (Ep-CAM)	MS-144	IVD
Epithelial Specific Antigen (Ep-CAM)	MS-1898	IVD
Epstein-Barr Virus / LMP	MS-1458	IVD/ASR
Estrogen Receptor	MS-391	RUO
Estrogen Receptor [1D5]	MS-354	IVD/ASR
Estrogen Receptor [1D5+6F11]	MS-750	IVD/ASR
Ezrin / p81 / 80K / Cytovillin	MS-661	RUO
Factor VIII Related Antigen / von Willebrand Factor	MS-722	IVD
Factor XIII A	MS-1237	IVD
Fascin	MS-1112	IVD
Fibrillin 1	MS-231	RUO
Filaggrin	MS-449	RUO
Fibronectin	MS-1351	RUO
Filamin	MS-1211	RUO
Follicle Stimulating Hormone (FSH)	MS-1449	IVD
GCDFP-15 (Gross Cystic Disease Fluid Protein-15) Fluid Protein-15)	MS-1170	IVD
GFAP / Glial Fibrillary Acidic Protein	MS-1376	IVD

Description	REF Num	
GLUT-1 [SPM498]	MS-10637	IVD
Glycophorin A	MS-1843	IVD
Glypican-3	MS-1939	RUO
GnRH Receptor / LH-RH Receptor (GNRH03)	MS-1139	RUO
Granzyme B	MS-1157	IVD
Growth Hormone, Human / hGH	MS-1328	RUO
H1 [4C9C7]	MS-1941	IVD
HDJ-2 / DNAJ	MS-225	RUO
Heat Shock Protein 70 (HSP70)	MS-482	RUO
Heregulin / NDF / GGF / Neureg	MS-272	RUO
Hepatitis B Virus Surface Antigen (HBVsAg)	MS-314	RUO/ASR
Hepatocyte	MS-1810	IVD
Hepatocyte Growth Factor	MS-651	RUO
Hepatocyte Growth Factor	MS-775	RUO
Human Chorionic Gonadotropin (HCG)	MS-1065	RUO
Human Papilloma Virus (HPV)[K1H8]	MS-1826	IVD/ASR
Human Sodium Iodide Symporter(hNIS)	MS-1653	RUO
IGF-1R (alpha-Subunit)	MS-641	RUO
IGF-1R (alpha-Subunit)	MS-644	RUO
Insulin	MS-1378	RUO
Insulin Receptor (Alpha-Subunit)	MS-631	RUO
Insulin Receptor (Alpha-Subunit)	MS-632	RUO
Insulin Receptor (Alpha-Subunit)	MS-633	RUO
Insulin Receptor (Beta-Subunit)	MS-635	RUO
Insulin Receptor (Beta-Subunit)	MS-636	RUO
Interferon-a (I) / IFN-a (I)	MS-574	RUO
Involucrin	MS-126	RUO
Kappa Light Chain	MS-143	IVD
Keratin 10	MS-611	IVD
Keratin 14	MS-115	RUO
Keratin 15	MS-1068	RUO
Keratin 17	MS-489	IVD
Keratin 18	MS-142	IVD
Keratin 19	MS-198	IVD
Keratin 19	MS-1902	RUO
Keratin 19	MS-1671	RUO
Keratin 20	MS-377	IVD

Description	REF Num	
Keratin 5	MS-1896	IVD
Keratin 5 / 6	MS-1814	IVD
Keratin 16	MS-620	RUO
Keratin 7	MS-1352	IVD
Keratin 8	MS-997	IVD
Keratin 8 / 18	MS-743	IVD
Keratin 8 / 18	MS-1603	IVD
Keratin, HMW	MS-1447	IVD
Keratin, Low Molecular Weight	MS-341	IVD
Keratin, Multi	MS-149	RUO
Keratin, Pan	MS-356	RUO
Keratin, Pan	MS-343	IVD
Ku (p70)	MS-329	RUO
Ku (p70 / p80)	MS-286	RUO
Kuy (p80)	MS-285	RUO
L1 Cell Adhesion Molecule	MS-770	RUO
Lambda Light Chain	MS-180	IVD
Laminin Receptor	MS-259	RUO
LCK p56 lck LCK p56 lck	MS-164	RUO
LRP / MVP (Major Vault Protein)	MS-664	RUO
Luteinizing Hormone, Human (LH)	MS-1448	IVD
Macrophage / L1 Protein / Calprotectin	MS-148	IVD
Mammaglobin [304-1A5]	MS-1919	RUO
MAP 2a,b (Microtubule-Associated Protein)	MS-249	RUO
MAP 2a,b,c (Microtubule-Associated Protein)	MS-250	IVD
MART-1 / Melan-A	MS-612	RUO
MART-1 / Melan-A	MS-799	IVD
MART-1 / Melan-A (Cocktail)	MS-716	RUO
Mast Cell Chymase	MS-1217	RUO
Mast Cell Tryptase	MS-1216	RUO
Melanoma (gp100)	MS-364	IVD
Melanoma Marker, Pan	MS-939	RUO
Mesothelin	MS-1320	IVD
Mesothelioma	MS-1494	IVD
MGMT (O-methylguanine-DNA methyltransferase)	MS-470	RUO
MHC I (HLA-A, B, C)	MS-1218	RUO

Description	REF Num	
MHC I (HLA-A, B, C)	MS-557	RUO
MHC II (HLA-DR)	MS-133	RUO
Microglobulin Beta-2	MS-440	RUO
Microphthalmia (TranscriptionFactor) (MITF)	MS-772	RUO
Mitochondria	MS-1372	RUO
MMP-10 (Stromelysin-2)	MS-822	RUO
MMP-11 (Stromelysin-3)	MS-1035	RUO
MMP-13 (Collagenase IV) M	MS-825	RUO
MMP-2 (72kDa Collagenase IV)	MS-567	RUO
MMP-2 (72kDa Collagenase IV)	MS-804	RUO
MMP-3 (Stromelysin-1)	MS-809	RUO
MMP-9 (92kDa Collagenase IV)	MS-816	RUO
MMP-9 (92kDa Collagenase IC) M	MS-817	RUO
MSH2 (Mismatch Repair Protein 2)	MS-1498	IVD
Mucin 2 (MUC-2)	MS-1037	IVD
Mucin 2 (MUC-2)	MS-1729	RUO
Mucin 3 (MUC-3)	MS-1734	RUO
Mucin 5AC (MUC-5AC) / Gastric Mucin	MS-145	IVD
MyoD1	MS-273	RUO
MyoD1	MS-278	RUO
Myogenin	MS-1113	RUO
Myosin, Skeletal Muscle	MS-1236	RUO
Myosin, Smooth Muscle Heavy Ch	MS-1348	RUO
Neurofilament (200kDa & 68kDa)	MS-359	IVD
Neurotrophin Receptor / NGF-Receptor (p75 NGFR)	MS-394	RUO
Notch-1	MS-1339	RUO
NY-BR-1	MS-1932	IVD
p130 Cas	MS-855	RUO
p14 ARF / p16Beta	MS-850	RUO
p170 / p-Glycoprotein / MDR	MS-660	RUO
p18 INK4c	MS-858	RUO
p21 WAF1	MS-230	IVD
p21 WAF1	MS-454	RUO
p21 WAF1	MS-891	RUO
p300 / CBP (CREB-Binding Protein)	MS-586	RUO
p53	MS-104	RUO

Description	REF Num	
p53	MS-182	RUO
p53	MS-186	IVD
p53	MS-187	RUO
p53	MS-738	IVD
p57 Kip2	MS-897	RUO
p57 Kip2	MS-1062	IVD
p73alpha/Beta	MS-762	RUO
Paxillin	MS-404	RUO
PCNA (Proliferating Cell Nuclear Antigen)	MS-106	RUO
Pds1	MS-1511	RUO
Perforin	MS-1834	IVD
Placental Alk. Phosphatase (PLAP)	MS-208	RUO
Placental Alk. Phosphatase(PLAP)	MS-734	IVD
Plastin-L	MS-1326	RUO
Progesterone MTO	MS-1040	RUO
Progesterone Receptor	MS-1882	RUO
Progesterone Receptor [hPRa 2]	MS-192	RUO
Progesterone Receptor [hPRa 2+hPR 3]	MS-298	IVD/ASR
Progesterone Receptor [hPRa 7]	MS-197	RUO
Prohibitin (Mitochondrial Marker)	MS-261	RUO
Prolactin	MS-1362	RUO
Prostate Specific Acid Phosphatase (PSAP)	MS-321	IVD
PTEN / MMAC1	MS-1601	RUO
RAD51	MS-988	RUO
Renal Cell Carcinoma Marker (gp200)	MS-409	IVD
Retinoblastoma (Rb)	MS-107	RUO
Retinoblastoma (Rb)	MS-1883	RUO
Rhodopsin (Opsin)	MS-1233	RUO
S100 Protein	MS-296	IVD
Serotonin	MS-1431	IVD
SF-1 (NR5A1,AD4BP) [N1665]	MS-1946	RUO
SHP-1	MS-1190	
Smith Antigen (sm)	MS-450	RUO
SREBP-1 (Sterol Regulatory Element Binding Protein-1)	MS-1207	RUO
Surfactant Protein B (Precursor)	MS-704	RUO
SV40 Large T Antigen	MS-1832	RUO

Description	REF Num	
Synuclein	MS-1572	RUO
TAG-72 / CA 72-4 [B72.3]	MS-138	IVD
Tartrate Resistant Acid Phosphatase (TRAP)Ab-1	MS-1768	IVD
TAU	MS-247	RUO
TdT / Terminal Deoxyribonucleotidyl Transferase	MS-1105	IVD
Thrombospondin (TSP)	MS-1066	RUO
Thrombospondin (TSP)	MS-418	RUO
Thrombospondin (TSP)	MS-420	RUO
Thrombospondin (TSP)	MS-421	RUO
Thymidine Phosphorylase / PD-ECGF	MS-499	RUO
Thyroid Transcription Factor-1 (TTF-1)	MS-699	IVD
TIMP 2	MS-571	RUO
TIMP-1	MS-608	RUO
TIMP-2	MS-1485	RUO
Topoisomerase II alpha	MS-1819	IVD
Transforming Growth Factor alpha (TGF alpha)	MS-670	RUO
Transglutaminase II	MS-224	RUO
Troponin T, Cardiac Isoform	MS-295	IVD
Tubulin-Alpha	MS-581	RUO
Tubulin-Beta	MS-1226	RUO
Tyrosinase	MS-800	IVD
Vascular Endothelial Growth Factor (VEGF)	MS-1467	RUO
Vascular Endothelial Growth Factor (VEGF)	MS-350	RUO
Villin	MS-1499	IVD
Vimentin	MS-129	IVD
Vinculin	MS-1209	RUO
von Hippel-Lindau (cHL) Protein	MS-690	RUO
XRCC1 (X-Ray Repair Cross Complementing Protein1)	MS-434	RUO
XRCC1 (X-Ray Repair Cross Comp)	MS-1393	RUO
ZAP-70 [2F3.2]	MS-1911	IVD
MultiVision CD3 epsilon [F7.2.38] + Ki-67 [SP6]	MV-2005	IVD
Vimentin-gp100	MV-2004	IVD
Negative Control for Mouse	NC-748	RUO
Negative Control for Mouse	NC-1391	RUO
Negative Control for Rabbit	NC-100	RUO

Description	REF Num	
Actin, Smooth Muscle	RB-9010	IVD
Alpha Fetoprotein (AFP)	RB-9064	IVD
Alpha-1-Antitrypsin	RB-367	RUO
Amphiregulin	RB-258	RUO
Amyloid Precursor Protein (APP)	RB-9023	IVD
c-erbB-2 / HER-2 / neu	RB-103	RUO
C1q Complement, Polyclonal FITC Labeled	RB-1926	RUO
C4 Complement, Polyclonal FITC Labeled	RB-1927	RUO
Calretinin	RB-9002	IVD
Caspase 9 / LAP6	RB-1205	RUO
Catenin, beta	RB-1491	RUO
Catenin, beta	RB-9035	IVD
CD117 / c-Kit / SCF-Receptor	RB-9038	IVD
CD20	RB-9013	IVD
CD31 / PECAM-1 (Endothelial Cell Marker)	RB-10333	RUO
CD3epsilon (Early T-Cell Marker)	RB-360	IVD
Chromogranin A	RB-9003	RUO
Desmin (Muscle Cell Marker)	RB-9014	IVD
Dystrophin	RB-9024	IVD
Estrogen Receptor	RB-1493	RUO
Estrogen Receptor	RB-1521	RUO
Factor VIII Related Antigen / von Willebrand Factor	RB-281	IVD
Factor XIII A	RB-1464	RUO
Fibrinogen, Polyclonal FITC Labeled	RB-1924	RUO
Flk-1 / KDR / VEGFR2	RB-1526	RUO
Flt-1 / VEGFR1	RB-1527	RUO
Gastrin	RB-1459	IVD
GFAP / Glial Fibrillary Acidic Protein	RB-087	RUO
GLUT-1	RB-9052	IVD
Heat Shock Protein 90alpha / hsp90alpha (HSP86)	RB-119	RUO
Helicobacter pylori	RB-9070	IVD/ASR
IgA (alpha-Heavy Chain)	RB-1433	IVD
IgD (delta-Heavy Chain)	RB-1436	IVD
IgE (epsilon-Heavy Chain)	RB-1435	IVD

Description	REF Num	
IgG (gamma-Heavy Chain)	RB-1432	IVD
Immunoglobulin M (IgM), Polyclonal FITC Labeled	RB-1922	IVD
Kappa Light Chain	RB-333	IVD
Kappa, Polyclonal FITC Labeled	RB-1929	RUO
Keratin 14	RB-9020	IVD
Ki-67	RB-1510	RUO
Ki-67	RB-9043	RUO
Lambda Light Chain	RB-334	IVD
Lambda, Polyclonal FITC Labeled	RB-1930	RUO
Lysozyme / Muramidase	RB-372	IVD
MMP-1 (Collagenase-1)	RB-1536	RUO
Mucin 1 (MUC-1)	RB-9222	IVD
Myelin Basic Protein	RB-1460	IVD
Myeloperoxidase (MPO)	RB-373	IVD
Nitric Oxide Synthase, inducib	RB-1605	RUO
NF kappa B / p65 (Rel A)	RB-1638	RUO
Pax-5	RB-9406	IVD
PDGFR, alpha	RB-1691	RUO
PDGFR, alpha	RB-9027	RUO
Placental Lactogen (hPL)	RB-9067	IVD
Protein Gene Product 9.5	RB-9202	IVD
ROC1	RB-069	RUO
Synaptophysin	RB-1461	RUO
Ubiquitin	RB-9203	RUO
Vascular Endothelial Growth Factor (VEGF)	RB-9031	IVD/ASR
Wilm's Tumor Protein (WT1)	RB-9267	RUO
S100 A6	RB-9018	IVD
S100 Protein	RB-044	RUO
Survivin	RB-9245	RUO
Synaptophysin	RB-1461	RUO
Synuclein alpha	RB-9026	IVD
Ubiquitin	RB-9203	RUO
Vascular Endothelial Growth Factor (VEGF)	RB-9031	IVD/ASR
Wilm's Tumor Protein (WT1)	RB-9267	RUO

Description	REF Num	
ALK (Anaplastic Lymphoma Kinase) / p80 [SP8]	RM-9108	IVD
Beta-catenin	RM-2101	IVD
c-erbB-2 / HER-2 / neu [SP3]	RM-9103	IVD/ASR
c-erbB2 / HER-2 / neu [EP1045Y]	RM-2112	IVD/ASR
Calcitonin	RM-9117	IVD
Calretinin [SP13]	RM-9113	IVD
CD23 [SP23]	RM-9123	IVD
CD3 (Early T Cell Marker)	RM-9107	IVD
CD3epsilon	RM-2109	IVD
CD5 [SP19]	RM-9119	IVD
CD7 [EPR4242]	RM-2122	IVD
CD79a / mb-1 (B-Cell Marker) [SP18]	RM-9118	IVD
CD8 [SP16]	RM-9116	IVD
CDX2 [EPR2764Y]	RM-2116	IVD
Chromogranin A [SP12]	RM-9112	IVD
COX2	RM-9121	IVD
Cyclin D1 / Bcl-1 [SP4]	RM-9104	IVD
Cyclin D1 [EPR2241IHC]	RM-2113	IVD
DOG-1 [SP31]	RM-9132	IVD
E-Cadherin	RM-2100	IVD
Epidermal Growth Factor Receptor (EGFR) [EP38Y]	RM-2111	IVD
Estrogen Receptor [SP1]	RM-9101	IVD
Keratin 18	RM-2108	IVD
Keratin 5	RM-2106	IVD

Description	REF Num	
Keratin 8	RM-2107	IVD
Ki-67 [SP6]	RM-9106	IVD
Napsin-A [EPR6252]	RM-2121	IVD
p504S/ AMACR [13H4]	RM-9130	RUO/ ASR
p53	RM-2103	IVD
p53 [SP5]	RM-9105	IVD
Pax-5	RM-9133	IVD
Placental Alk. Phosphatase (PLAP)	RM-9115	IVD
PMS2 [EPR3947]	RM-2120	IVD
Progesterone Receptor [SP2]	RM-9102	IVD
Progesterone Receptor [YR85]	RM-2114	IVD/ASR
Prostate Specific Membrane Antigen (PSMA) [SP29]	RM-9131	IVD
PSA [EP1588Y]	RM-2104	RUO/ASR
Synaptophysin (Neuroendocrine Marker)	RM-9111	IVD
Vimentin	RM-9120	IVD
Heparan Sulfate Proteoglycan	RT-794	RUO
Laminin B2 / Beta 1	RT-796	RUO
Laminin B2 / gamma1	RT-795	RUO
Vitamin D Receptor (VDR)	RT-200	RUO
C3c Complement, Polyclonal FITC Labeled C Labeled	SH-1923	RUO
Immunoglobulin A (IgG), Polyclonal FITC Labeled	SH-1920	RUO
Immunoglobulin G (IgG), Polyclonal FITC Labeled	SH-1921	RUO

## Rabbit Monoclonal Antibodies

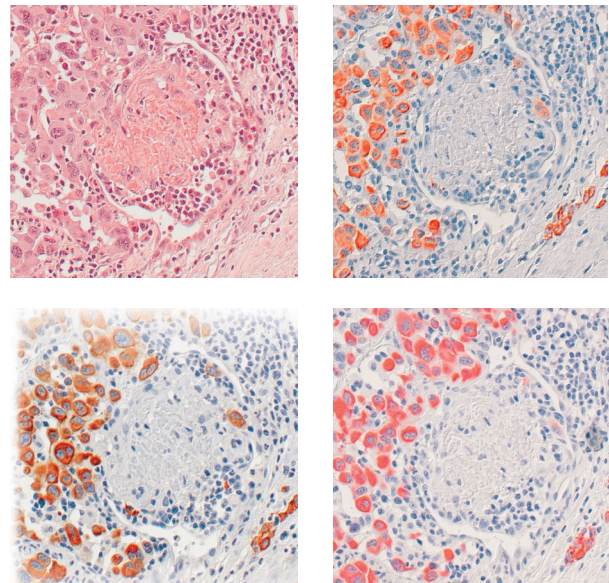
Description	Clone	Order Number	Use
E-Cadherin	EP700Y	RM-2100	IVD
Beta-Catenin	E247	RM-2101	IVD
p53	Y5	RM-2103	IVD
PSA	EP1588Y	RM-2104	RUO/ASR
Cytokeratin 5	EP1601Y	RM-2106	IVD
Cytokeratin 8	EP1628Y	RM-2107	IVD
Cytokeratin 18	E431-1	RM-2108	IVD
CD3epsilon	EP449E	RM-2109	IVD
Epidermal Growth Factor Receptor	EP38Y	Rm-2111	IVD
c-erbB2 / HER-2 / neu	EP1045Y	RM-2112	IVD/ASR
Progesterone Receptor	YR85	RM-2114	IVD/ASR
CD20	EP459Y	RM-2115	IVD
CDX2	EPR2764Y	RM-2116	IVD
MSH6	EPR3945	RM-9119	IVD
PMS2	EPR3947	RM-2120	IVD
Napsin-A	EPR6252	RM-2121	IVD
CD7	EPR4242	RM-2122	IVD
Estrogen Receptor	SP1	RM-9101	IVD
Progesterone Receptor	SP2	RM-9102	IVD
c-erbB-2 / HER-2 / neu	SP3	RM-9103	IVD/ASR
Cyclin D1 / Bcl-1	SP4	RM-9104	IVD
p53	SP5	RM-9105	IVD
Ki-67	SP6	RM-9106	IVD
CD3 (Early T Cell Marker)	SP7	RM-9107	IVD
ALK (Anaplastic Lymphoma Kinase)	SP8	RM-9108	IVD
Synaophysin (Neuroendocrine Marker)	SP11	RM-9111	IVD
Chromogranin A	SP12	RM-9112	IVD
Calretinin	SP13	RM-9113	IVD
Placental Alk. Phosphatase (PLAP)	SP15	RM-9115	IVD
CD8	SP16	RM-9116	IVD
Calcitonin	SP17	RM-9117	IVD
CD79a / mb-1 (B-cell marker)	SP18	RM-9118	IVD
CD5	SP19	RM-9119	IVD
Vimentin	SP20	RM-9120	IVD
COX2	SP21	RM-9121	IVD
p504S / AMACR	13H4	RM-9130	RUO/ASR
Prostate Specific Membrane Antigen (PMSA)	SP29	RM-9131	IVD
DOG-1	SP31	RM-9132	IVD
Pax-5	SP34	RM-9133	IVD

Rabbit monoclonal antibodies combine the benefits of outstanding antigen detection in the rabbit immune system with the specificity and consistency of monoclonal antibodies, making them one of the best antibodies around<sup>1</sup>.

Antibodies produced in rabbits have a greater affinity than antibodies taken from mice. New cloning technologies allow the production of highly specific and sensitive antibodies from rabbits.

At the same time, the rabbit immune system generates antibody diversity and optimizes the affinity of the antibodies generated using mechanisms which are considerably more efficient than in mice or other rodents. This means that many antigens which are not immunogenic in mice or rats do trigger a response in rabbits.

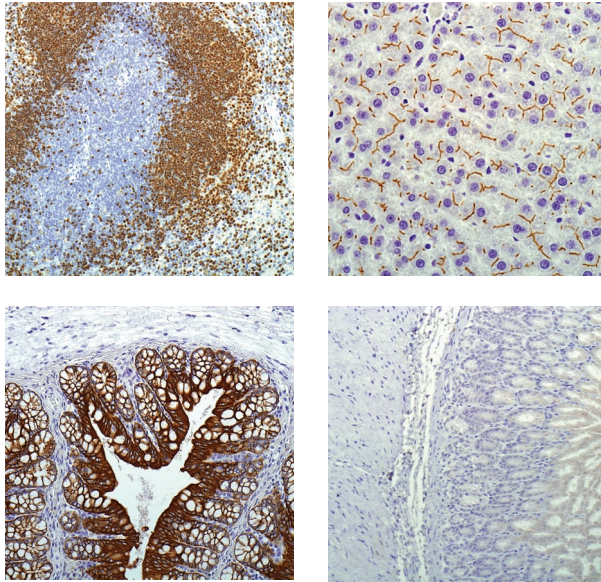
Studies show rabbit monoclonal antibodies are more sensitive and specific than other available markers<sup>1</sup>.



<sup>1</sup>Rossi S, et al. (2005). Rabbit Monoclonal Antibodies: A Comparative Study Between a Novel Category of Immunoreagents and the Corresponding Mouse Monoclonal Antibodies. Am. J. Clin. Pathol. 124:295-302. Doi: 10.1309/NR8HN08GDPVEMU08.



## Mouse on Mouse HRP Detection System



Historically immunohistochemistry (IHC) staining with mouse antibodies on mouse tissue has been a challenge. The results were compromised by high levels of undesirable background or weak signal from interactions between the detection system and mouse tissues. The EpreDia UltraVision Quanto Mouse on Mouse HRP Detection System eliminates these challenges so laboratories can routinely produce optimal results.

### Suggested Primary Antibodies

Mouse antibodies from any source are compatible with the UltraVision Quanto Mouse on Mouse Detection System. Below are a few antibodies and suggested protocols that you may find useful for your research

Description	Qty.	Order Number	Use
Quanto Mouse on Mouse	60 mL	TL-060-QHDM	RUO
DAB Quanto	60 mL	TA-060-QHDX	IVD
Antibody Diluent OP Quanto	125 mL	TA-125-ADQ	IVD

Description	Clone	Order Number	Antigen Retrieval*	Incubation Time
CD4	4B12	MS-1528	Dewax and HIER Buffer M (EDTA-based) 20 minutes 98c	30 min
CD7a	JCB117	MS-1171	Dewax and HIER Buffer L (Citrate-based) 20 minutes 98c	20 min
CD8	C8/144B	MS-457	Dewax and HIER Buffer L (Citrate-based) 20 minutes 98c	20 min
Cdk1	A17.1.1	MS-110	Dewax and HIER Buffer L (Citrate-based) 20 minutes 98c	20 min
CK7	OV-TL 12/30	MS-1352	Dewax and HIER Buffer M (EDTA-based) 20 minutes 98c	20 min
Cytochrome C	7H8.2C12	MS-1192	Dewax and HIER Buffer L (Citrate-based) 20 minutes 98c	20 min
Hepatocyte	OCH1E5	MS-1810	Dewax and HIER Buffer L (Citrate-based) 20 minutes 98c	20 min
P300/CBP	NM11	MS-586	Dewax and HIER Buffer L (Citrate-based) 20 minutes 98c	20 min
PCNA	PC10	MS-106	Dewax and HIER Buffer L (Citrate-based) 20 minutes 98c	20 min
TFF1	8G7G3/1	MS-699	Dewax and HIER Buffer L (Citrate-based) 20 minutes 98c	20 min
Villin	CWWB1	MS-1499	Dewax and HIER Buffer L (Citrate-based) 20 minutes 98c	20min

\*Please reference the product Instruction For Use for updates.