

Antibody incubation time for all antibodies is 15 minutes at ambient temperature.

Antibody Name	Clone	Dilution	Pretreatment	Time
A-1-Antitrypsin	polyclonal	Prediluted	ER2	30 min.
ACTH	polyclonal	Prediluted	ER1	20 min.
Actin, Muscle Specific	HHF35	Prediluted	ER1	20 min.
Actin, Smooth Muscle	1A4	Prediluted	Enzyme 1 <sup>†</sup>	10 min.
Adenovirus	20/11 & 2/6	Prediluted	Enzyme 1 <sup>†</sup>	5 min.
Alpha-Fetoprotein	polyclonal	Prediluted	ER2	10 min.
ALK Protein	ALK-1	Prediluted	ER2	15 min.
Arginase-1	SP156	Prediluted	ER2	20 min.
BCL2	E17 <sup>‡</sup>	Prediluted	ER1	10 min.
BCL2	SP66	Prediluted	ER2	20 min.
BCL6 <sup>§</sup>	G1191E/A8	1:50	ER2	30 min.
Beta-Catenin	polyclonal	Prediluted	NPT	
BOB.1	MRQ-35	Prediluted	ER2	20 min.
C4d	polyclonal	1:50 - 1:100	ER1	20 min.
C4d	polyclonal	Prediluted	ER2	10 min.
C4d	SP91	Prediluted	ER2	10 min.
CA-125	OC125	Prediluted	ER2	20 min.
CA19-9	121SLE	Prediluted	ER2	10 min.
Calcitonin	polyclonal	1:600	ER2	20 min.
Calponin-1	EP798Y <sup>‡</sup>	Prediluted	ER1	20 min.
Calretinin	polyclonal	Prediluted	ER2	30 min.
CD2	MRQ-11	1:40	ER1	30 min.
CD3	polyclonal	1:300	ER1	30 min.
CD4	SP35	Prediluted	ER2	20 min.
CD5	SP19	Prediluted	ER1	20 min.
CD5	4C7	Prediluted	ER2	30 min.
CD8	C8/144B	Prediluted	ER1	20 min.
CD8	SP16	Prediluted	ER2	20 min.
CD10	56C6	Prediluted	ER2	20 min.
CD11c	5D11	Prediluted	ER1	10 min.
CD15	MMA	1:50	ER2	20 min.
CD15	MMA	Prediluted	ER2	20 min.
CD19	MRQ-36	1:50	ER2	20 min.
CD20	L26	Prediluted	ER1	20 min.
CD20	SP32	Prediluted	ER2	10 min.
CD21	2G9	Prediluted	ER2	15 min.
CD23	1B12	Prediluted	ER1	20 min.
CD30	Ber-H2	Prediluted	ER2	20 min.

Antibody Name	Clone	Dilution	Pretreatment	Time
CD31	JC70	Prediluted	ER1	20 min.
CD33	PWS44	Prediluted	ER1	10 min.
CD34	QBEnd/10	1:100	ER2	20 min.
CD34	QBEnd/10	Prediluted	ER1	20 min.
CD43	MT1	1:75	ER2	20 min.
CD43	MT1	Prediluted	ER2	20 min.
CD44	MRQ-13	Prediluted	ER2	10 min.
CD45 (LCA)	2B11 & PD7/26	Prediluted	ER1	10 min.
CD45RO	UCHL-1	Prediluted	ER1	20 min.
CD56	123C3.D5	Prediluted	ER1	15 min.
CD56	MRQ-42	Prediluted	ER1	20 min.
CD57	NK-1	Prediluted	ER1	30 min.
CD61	2f2	Prediluted	ER2	20 min.
CD68	Kp-1	Prediluted	ER2	30 min.
CD71	MRQ-48	Prediluted	ER2	5 min.
CD79a	JCB117	1:100	ER1	20 min.
CD79a	JCB117	Prediluted	ER1	20 min.
CD99	H036-1.1	1:100	ER2	20 min.
CD99	H036-1.1	Prediluted	ER2	30 min.
CD117, c-kit	YR145 <sup>‡</sup>	Prediluted	ER1	30 min.
CD117, c-kit	YR145 <sup>‡</sup>	Prediluted	ER2	20 min.
CD138/syndecan-1	B-A38	1:400	ER2	20 min.
CD138/syndecan-1	B-A38	Prediluted	ER1	20 min.
CD163	MRQ-26	Prediluted	ER1	20 min.
CDX-2	EPR2764Y <sup>‡</sup>	Prediluted	ER2	20 min.
CEA	CEA31	Prediluted	ER2	30 min.
Chromogranin A	LK2H10	1:8 Predilute	ER2	10 min.
Chromogranin A	LK2H10	Prediluted	ER1	20 min.
CMV	DDG9/CCH2	Prediluted	ER1	20 min.
CMV	DDG9/CCH2	Prediluted	Enzyme 1 <sup>†</sup>	5 min.
CMV	8B1.2, 1G5.2 & 2D4.2	1:100	ER1	20 min.
CMV	8B1.2, 1G5.2 & 2D4.2	Prediluted	ER2	10 min.
Collagen Type IV	CIV22	Prediluted	ER1	20 min.
Cyclin D1	SP4	Prediluted	ER2	10 min.
Cytokeratin	34betaE12	Prediluted	ER2	20 min.
Cytokeratin	OSCAR	1:20 Predilute	Enzyme 1 <sup>†</sup>	10 min.
Cytokeratin 5 & 6	D5 & 16B4	Prediluted	ER2	20 min.
Cytokeratin 5 & 14	EP1601Y <sup>‡</sup> & LL002	Prediluted	ER1	20 min.

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† Enzyme 1 is equivalent to 1 drop of enzyme to 7mls of buffer. Enzyme 2 is equivalent to 1 drop of enzyme to 21 mls of buffer.

‡ Rabbit Monoclonals Produced Using Technology from Epitomics, Inc. Under Patent No. 5,675,063

§ BCL6 is protected by U.S. patents 6,174,997 and 6,783,945 (Cancer Genetics, Inc.)



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Antibody Name	Clone	Dilution	Pretreatment	Time
Cytokeratin 7	OV-TL 12/30	Prediluted	ER1	20 min.
Cytokeratin 8 & 18	B22.1 & B23.1	Prediluted	ER2	20 min.
Cytokeratin 20	Ks20.8	Prediluted	ER1	20 min.
Cytokeratin Cocktail	AE1 & AE3	Prediluted	ER1	30 min.
Cytokeratin, LMW	AE1	1:4 Predilute	Enzyme 1 <sup>†</sup>	10 min.
Cytokeratin, LMW	AE1	Prediluted	Enzyme 1 <sup>†</sup>	5 min.
Desmin	D33	Prediluted	ER1	10 min.
DOG1	SP31	Prediluted	ER2	10 min.
E-cadherin	EP700Y <sup>‡</sup>	Prediluted	ER2	20 min.
Ep-CAM /Epithelial Specific Antigen	Ber-EP4	Prediluted	ER1	20 min.
Ep-CAM /Epithelial Specific Antigen	MOC-31	Prediluted	ER1	20 min.
Epstein Barr Virus	CS1-4	Prediluted	ER2	30 min.
EMA	E29	Prediluted	NPT	
Factor VIII-R Ag.	polyclonal	Prediluted	ER1	20 min.
Factor XIIIa	AC-1A1	Prediluted	ER1	20 min.
Factor XIIIa	EP3372 <sup>‡</sup>	Prediluted	ER1	30 min.
Fascin	55k-2	Prediluted	ER2	20 min.
FoxP1	SP133	Prediluted	ER2	10 min.
GCDPF-15	23A3	Prediluted	ER2	20 min.
GCDPF-15 + Mammaglobin Cocktail	23A3+304-1A5 & 31A5	Prediluted	ER1	30 min.
Glial Fibrillary Acidic Protein	G-A-5	Prediluted	ER2	20 min.
Glucagon	polyclonal	Prediluted	ER2	20 min.
GLUT1	polyclonal	Prediluted	ER2	20 min.
Glycophorin A	GA-R2	1:100	ER1	20 min.
Glycophorin A	GA-R2	Prediluted	ER2	20 min.
Glypican-3	1G12	Prediluted	ER1	10 min.
HBME-1		Prediluted	ER2	20 min.
hCG	polyclonal	1:400	ER2	20 min.
hCG	polyclonal	Prediluted	NPT	
Helicobacter pylori	polyclonal	1:1500	ER2	15 min.
Helicobacter pylori	polyclonal	Prediluted	ER1	20 min.
Hemoglobin A	EPR3608 <sup>‡</sup>	Prediluted	ER1	10 min.
Hepatitis B Virus Surface Antigen	S1-210	Prediluted	Enzyme 2 <sup>†</sup>	10 min.
Hepatocyte Specific Antigen	OCH1E5	Prediluted	ER1	10 min.
Her2/Neu (c-erbB-2)	CB-11	1:100	ER2	20 min.
Her2/Neu (c-erbB-2)	CB-11	Prediluted	ER2	30 min.
Her2/Neu	SP3	Prediluted	ER2	20 min.
Herpes Simplex Virus I	polyclonal	Prediluted	Enzyme 1 <sup>†</sup>	5 min.

Antibody Name	Clone	Dilution	Pretreatment	Time
Herpes Simplex Virus II	polyclonal	Prediluted	Enzyme 1 <sup>†</sup>	5 min.
HGAL	MRQ-49	Prediluted	ER2	20 min.
HHV-8	13B10	Prediluted	ER1	30 min.
HMB-45		1:4 Predilute	Enzyme 1 <sup>†</sup>	10 min.
HMB-45		Prediluted	ER1	10 min.
Human Placental Lactogen (hPL)	polyclonal	Prediluted	NPT	
IgA	polyclonal	1:4 Predilute	ER2	10 min.
IgG4	MRQ-44	Prediluted	ER1	20 min.
IgM	polyclonal	Prediluted	ER2	20 min.
Inhibin, alpha	R1	1:10	ER2	20 min.
Inhibin, alpha	R1	Prediluted	ER1	5 min.
Insulin	polyclonal	Prediluted	ER2	20 min.
Kappa	L1C1	Prediluted	Enzyme 1 <sup>†</sup>	10 min.
Ksp-cadherin	MRQ-33	Prediluted	ER2	20 min.
Lambda	Lamb14	Prediluted	ER2	20 min.
Mammaglobin	31A5	Prediluted	ER2	10 min.
Mammaglobin Cocktail	304-1A5 & 31A5	Prediluted	ER2	20 min.
MART-1 (Melan A)	A103	Prediluted	ER2	20 min.
Melanoma Cocktail	HMB-45 + A103 + T311	Prediluted	ER2	10 min.
MiTF	C5/D5	Prediluted	ER1	20 min.
MLH1	G168-728	Prediluted	ER2	40 min.
MSH2	G219-1129	Prediluted	ER1	20 min.
MSH6	44	Prediluted	ER2	40 min.
Myeloperoxidase	polyclonal	Prediluted	ER2	30 min.
Myogenin	F5D	1:50	ER2	20 min.
Myogenin	F5D	Prediluted	ER1	20 min.
Myosin, Smooth Muscle	SMMS-1	Prediluted	ER1	20 min.
Napsin A	MRQ-60	Prediluted	ER1	10 min.
Napsin A	polyclonal	Prediluted	NPT	
Nerve Growth Factor Receptor (NGFR)	MRQ-21	Prediluted	ER1	20 min.
Nestin	10C2	Prediluted	ER1 or ER2	20 min.
Neurofilament	2F11	Prediluted	ER1	20 min.
Oct-2	MRQ-2	Prediluted	ER2	20 min.
Oct-4	MRQ-10	Prediluted	ER2	20 min.
Olig2	211F1.1	Prediluted	ER2	20 min.
p27 <sup>Kip1</sup>	SX53G8	1:50	ER1	20 min.
p53	D07	Prediluted	ER2	20 min.
p57 <sup>Kip2</sup>	Kp10	Prediluted	ER1	20 min.

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p120 Catenin	MRQ-5	Prediluted	ER1	20 min.
P504s	13H4	Prediluted	ER2	10 min.
Parathyroid Hormone (PTH)	MRQ-31	Prediluted	ER1	20 min.
Parvovirus B19	R92F6	Prediluted	ER2	20 min.
PAX-2	polyclonal	Prediluted	NPT	
PAX-5	24	Prediluted	ER2	20 min.
PAX-5	SP34	Prediluted	ER1	20 min.
PAX-8	MRQ-50	Prediluted	ER2	15 min.
PAX-8	polyclonal	Prediluted	ER1	15 min.
PD-1	NAT105	Prediluted	ER1 or ER2	20 min.
Phosphohistone H3 (PHH3)	polyclonal	Prediluted	ER2	20 min.
PLAP	NB10	Prediluted	ER2	20 min.
PMS2	EPR3947 <sup>‡</sup>	Prediluted	ER2	30 min.
Pneumocystis jiroveci (carinii)	3F6	Prediluted	ER2	20 min.
Podoplanin	D2-40	Prediluted	ER2	20 min.
PSA	ER-PR8	Prediluted	ER1	20 min.
PSAP	PASE/4LJ	Prediluted	ER1	10 min.
Renal Cell Carcinoma	PN-15	Prediluted	Enzyme 1 <sup>†</sup>	10 min.
S-100	4C4.9	Prediluted	ER1	10 min.
S100P	16/f5	Prediluted	ER1	5 min.
SALL4	6E3	Prediluted	ER2	20 min.
Smoothelin	R4A	Prediluted	ER1	20 min.
Somatostatin	polyclonal	1:100	ER1	20 min.
Somatostatin	polyclonal	Prediluted	ER1 or ER2	20 min.
SOX-2	SP76	Prediluted	ER1	20 min.
SOX-10	polyclonal	Prediluted	ER2	5 min.
SOX-11	MRQ-58	Prediluted	ER2	20 min.
Spectrin	RBC2/3D5	Prediluted	ER1	20 min.
Synaptophysin	polyclonal	Prediluted	ER2	20 min.
TAG-72	B72.3	1:100	ER2	20 min.
TAG-72	B72.3	1:300	ER2	20 min.
TAG-72	B72.3	1:4 Predilute	Enzyme 1 <sup>†</sup>	10 min.
TAG-72	B72.3	Prediluted	ER1	10 min.
TCL1	MRQ-7	Prediluted	ER1	20 min.
TFE3	MRQ-37	Prediluted	ER2	20 min.
Thyroglobulin	2H11+6E1	1:200	ER2	20 min.
Thyroglobulin	2H11+6E1	1:400	ER2	20 min.
Thyroglobulin	2H11+6E1	Prediluted	ER2	20 min.

Antibody Name	Clone	Dilution	Pretreatment	Time
TRAcP	9C5	1:50	ER2	30 min.
TRAcP	9C5	Prediluted	ER2	20 min.
Trypsase	G3	Prediluted	NPT	
TTF-1	8G7G3/1	Prediluted	ER2	20 min.
Tyrosinase	T311	Prediluted	ER2	20 min.
Uroplakin III	SP73	Prediluted	ER2	10 min.
Villin	CWWB1	1:100	ER2	30 min.
Vimentin	V9	Prediluted	ER1	20 min.
WT1	6F-H2	Prediluted	ER2	30 min.
ZAP-70 <sup>  </sup>	2F3.2	1:1600	ER2	20 min.
ZAP-70 <sup>  </sup>	2F3.2	Prediluted	ER2	30 min.

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