

Anatomic Pathology Menu

IHC Antibody Library

AACT (Alpha-1 Antichymotrypsin)	Calponin-1	CD7	Cytokeratin AE1 (LMW)
AAT (Alpha-1-Antitrypsin)	Calretinin	CD71	Cytokeratin AE1/AE3
ACTH (Adrenocorticotropin Hormone)	CAM 5.2	CD79a	D2-40
Actin MSA (Muscle Specific Actin)	Cat Scratch	CD8	DBA.44
Actin SMA (Smooth Muscle Actin)	Cathepsin D	CD99	DCC (Deleted in Colorectal Cancer Protein)
Adenovirus	CD10	CDK4	Desmin
AFP (Alpha Fetoprotein)	CD117	CDX2	DOG-1
ALK (Anaplastic Lymphoma Kinase)	CD11c	CDX2/CK7 Double Stain	DPC4 (SMAD4)
ALK1	CD123	CEA Monoclonal	EBV (LMP1)
Alpha Synuclein	CD138	CEA Polyclonal	E-Cadherin
Amyloid A	CD14	Chromogranin A	EGFR (E746_A750del specific)
Amyloid P	CD15	CK 10/13 (Cytokeratin 10/13)	EGFR (Epidermal Growth Factor Receptor)
Androgen Receptor	CD163	CK AE1/AE3 (Pan Cytokeratin)	EGFR (L858R mutant specific)
Annexin A1	CD19	CK HMW (CK903/34βE12)	eIF4E
AR (Androgen Receptor)	CD1a	CK HMW/CK LMW Double Stain	EMA (Epithelial Membrane Antigen)
Arginase 1	CD2	CK OSCAR (Pan Cytokeratin)	ER (Estrogen Receptor)
B72.3	CD20	CK14 (Cytokeratin 14)	ERCC1
BCA225	CD21	CK17 (Cytokeratin 17)	ERG
BCL-1 (Cyclin D1)	CD22	CK18 (Cytokeratin 18)	Factor VIII
BCL-2	CD23	CK19 (Cytokeratin 19)	Factor VIIIa
BCL-6	CD25	CK20 (Cytokeratin 20)	Factor VIII-RA
BerEP4	CD3	CK5 (Cytokeratin 5)	Fascin
Beta Amyloid	CD30	CK5/6 (Cytokeratin 5/6)	FLI1
Beta-Catenin	CD31	CK7 (Cytokeratin 7)	FOX P1
Beta-HCG	CD33	c-MET	FOX P3
BG8 (Blood Group Related Antigen)	CD34	CMV (Cytomegalovirus)	FSH (Follicle Stimulating Hormone)
BOB-1	CD35	c-MYC	Galectin-3
BRAF V600E	CD38	Collagen Type IV	Gastrin
BRCA1	CD4	COX-2	GATA-3
Breast Triple Stain (CK5+p63+CK8/18)	CD42b	COX2 (Cyclooxygenase-2)	GCDFP15 (Gross Cystic Disease Fluid Protein)
CA125	CD43	cREL	GCET1
CA19-9	CD44	CXCR4	Geminin
CAIX (Carbonic Anhydrase)	CD45 LCA	Cytokeratin 17	GFAP (Glial Fibrillary Acidic Protein)
Calcitonin	CD45RB	Cytokeratin 19	GH (Growth Hormone)
Caldesmon	CD45RO	Cytokeratin 20	Glucagon
	CD5	Cytokeratin 5/6	
	CD56	Cytokeratin 7	
	CD57	Cytokeratin 8/18	
	CD61	Cytokeratin 903 (CK34BE12 HMW)	
	CD68		

IHC Antibody Library (Continued)

GLUT1	Mast Cell Tryptase	PAX2	TAG 72
Glycophorin A	MDR1 (Multi Drug	PAX-5	Tau
Glypican 3	Melan A (Mart1)	PAX-8	TCL1 (T Cell Leukemia/ Lymphoma Protein 1)
Granzyme B	Mesothelin	PD-1	TCRβF1
GST n (Glutathione S Transferase n)	MET	PDGFR Alpha (Platelet Derived Growth Factor Receptor Alpha)	TdT
H. Pylori (Helicobacter Pylori)	MGMT	PDGFR Beta (Platelet Derived Growth Factor Receptor Beta)	TFE3
HBME-1	MITF	PD-L1	TGF Alpha (Transforming Growth Factor Alpha)
HCGβ (Human Chorionic Gonadotropin Beta)	MLH1	PD-L1 22C3 FDA (Keytruda®)	Thrombomodulin
Helicobacter Pylori	MMR Panel by IHC (MLH1, MSH2, MSH6, PMS2)	PD-L1 28-8 FDA (Opdivo®)	Thyroglobulin
Hemoglobin A	MOC-31	Perforin	TIA-1
Hep Par 1	MPO (Myeloperoxidase)	PGP9.5	TLE1
Hepatitis B Core Antigen	MSA	PgR	Toxoplasma
Hepatitis B Surface Antigen	MSH2	PHH3	TRAcP
HepPar1	MSH6	PIN-4 (CK 903 +p63 + p504s)	TRAP (Tartrate-Resistant Acid Phosphatase)
HER-2	MUC1	PLAP (Placental Alkaline Phosphatase)	Tryptase
HGAL	MUC2	PMS2	TS (Thymidylate Synthase)
HHV8 (Human Herpesvirus, Type 8) (KSHV)	MUC5	Pneumocystis jiroveci (carinii)	TSH (Thyroid Stimulating Hormone)
HHV-9	MUC6	PR (Progesterone Receptor)	TTF-1
HLADR	MUM1	Prealbumin (TTR)	Tuberculosis
HMB-45	MyoD1	Prolactin	Tyrosinase
HPL (Human Placental Lactogen)	Myogenin	Prostate Triple Stain (p63/CKHMW/P504S)	Uroplakin
HPV (Human Papilloma Virus)	Myoglobin	PSA (Prostate Specific Membrane Antigen)	Uroplakin II
HSV 1 (Herpes Simplex 1 Antigen)	Napsin A	PSAP	Uroplakin III
HSV 2 (Herpes Simplex 2 Antigen)	NB (Neuroblastoma)	PTEN	Varicella Zoster Virus (VZV)
HSV I/II	NeuN	PTH (Parathyroid Hormone)	Vascular Endothelial Growth Factor (VEGF)
IDH1	NF (Neurofilament)	PU.1	VEGFR-2
IgA (Immunoglobulin A)	NKX2.2	RB (Retinoblastoma Protein)	Villin
IgD (Immunoglobulin D)	NKX3.1	RCC	Vimentin
IGF-1R	NSE (Neuron Specific Enolase)	ROS1	WT-1
IgG (Immunoglobulin G)	Oct-2	S-100	ZAP70
IgG4 (Immunoglobulin G4)	OCT4	S100P	
IgM (Immunoglobulin M)	p120 Catenin	SALL4	
Inhibin	p16	Serotonin	
iNOS	P21	SF1 (Steroidogenic Factor-1)	
Insulin	p27	Simian Virus 40 (SV40)	
Kappa Ig Light Chain	p40	SMA	
Ki-67	P501S (Prostein)	SMM	
Ki67/Caspase 3 Double Stain	P504S (AMACR)	SMMHC (Smooth Muscle Myosin, Heavy Chain)	
Lambda Ig Light Chain	p53	Smoothelin	
Laminin	p57	Somatostatin	
Langerin	p63	SOX-11	
LEF1	pAKT (Phosphorylated AKT)	SOX2	
LH (Luteinizing Hormone)	Pancreatic Polypeptide (PP)	Spirochete	
LMO2	Pan-Cytokeratin Plus (AE1/AE3 + CK 8/18)	Surfactant	
Lysozyme	Pan-Keratin (AE1/AE3/PCK26)	Surfactant Apoprotein A	
Mammaglobin	Pan-Melanoma (MART-1/Melan A + HMB-45 + Tyrosinase)	Survivin	
Mammaglobin A	Pan-Melanoma (S100 + Melan A + Tyrosinase)	Synaptophysin	
MART-1/Melan A	Parvovirus		

IHC Panels

Acute Leukemia: CD3, CD7, CD20, CD34, CD45 LCA, CD56, CD117, MPO, PAX-5, TdT
Adenocarcinoma vs. Mesothelioma: Pan-Cytokeratin Plus, CEA (Monoclonal), MOC-31, BerEP4, TTF-1, Calretinin, WT-1
B-Cell Lymphoma: BCL-1, BCL-2, BCL-6, CD3, CD5, CD10, CD20, CD23, CD30 Ki-67, MUM1, PAX-5
Bladder vs. Prostate Carcinoma: Pan-Cytokeratin Plus, CK 7, CK 20, PSAP, PIN-4
Breast Panel: ER, PgR, HER2, Ki-67 with or without p53, Reflex to HER2 FISH after HER2 IHC available.
Burkitt vs. DLBC Lymphoma: BCL-2, c-MYC, Ki-67
Carcinoma Unknown Primary Site, Female (CUPS-Female): CK 7, CK 20, Mammaglobin, ER, TTF-1, CEA, CA19-9, S100, Chromogranin A, WT-1
Carcinoma Unknown Primary Site, Male (CUPS=Male): CK 7, CK 20, TTF-1, PSAP, CEA (Monoclonal), CA19-9, S100, Chromogranin A
Cholangiocarcinoma: CK 7, CK 19, MOC-31, CEA (Monoclonal), CAM 5.2, p53, CA19-9, CK 903
GIST: CD117, DOG-1, CD34, Desmin, S100
Hepatocellular Carcinoma: Hep Par 1, Glypican 3, CEA (Polyclonal), CD34, CAM 5.2, c-MET, AFP
Hepatocellular Carcinoma vs. Metastatic Adenocarcinoma: AFP, Hep Par 1, CDX2, CK 7, CK 20, CAM5.2, TTF-1, CEA (Monoclonal)
High-Grade/Large B-Cell Lymphoma: BCL-2, BCL-6, CD10, Ki-67, MUM1, and c-MYC
Hodgkin vs. NHL: BOB-1, BCL-6, CD3, CD10, CD15, CD20, CD30, CD45 LCA, CD79a, MUM1, OCT2, PAX-5, EBER ISH

Lung Cancer: Chromogranin A, Synaptophysin, CK 7, p63, TTF-1
Lung vs. Metastatic Breast Carcinoma: TTF-1, Mammaglobin, GCDPF-15, ER
Lymphoma Phenotype: BCL-1, BCL-2, BCL-6, CD3, CD4, CD5, CD7, CD8, CD10, CD15, CD20, CD30, CD79a, CD138, Ki-67, MUM1, PAX-5, TdT, EBER ISH
Lymphoma vs. Carcinoma: Pan-Cytokeratin Plus, Chromogranin A, TTF-1, CD56, CD45 LCA
Lymphoma vs. Reactive Hyperplasia: BCL-1, BCL-2, BCL-6, CD3, CD5, CD10, CD20, CD23, CD43, Ki-67.
Melanoma vs. Squamous Cell Carcinoma: Pan-Melanoma, Pan-Cytokeratin Plus
Mismatch Repair Proteins (MMR/Colon Cancer): MLH1, MSH2, MSH6, PMS2
Neuroendocrine Neoplasm: CD56, Chromogranin A, TTF-1, Pan-Cytokeratin Plus
Plasma Cell Neoplasm: BCL-1, CD20, CD38, CD56, CD79a, CD138, MUM1, kappa/lambda ISH
Prostate vs. Colon Carcinoma: Pan-Cytokeratin Plus, CDX2, CK 7, CK 20, PSAP
Soft Tissue Tumor: Pan-Cytokeratin Plus, SMA, Desmin, S100, CD34, Vimentin, Factor XIIIa
T-Cell Lymphoma: ALK1, CD2, CD3, CD4, CD5, CD7, CD8, CD10, CD20, CD21, CD30, CD56, TdT, EBER ISH
T-LGL Leukemia: CD3, CD8, granzyme B, TIA-1
Undifferentiated Tumor: Pan-Cytokeratin Plus, S100, CD45, Vimentin.

Cytochemical Stains

MPO

Wright-Giemsa

Special Stains

d-Fast Bacilli)
Alcian Blue
Alcian Yellow
Colloidal Iron
Congo Red/Amyloid
GMS

Iron (Prussian Blue)
Mucicarmine
PAS
Reticulin
Trichrome
Warthin-Starry

In Situ Hybridization (ISH)

CMV
EBER
HER2 Dual

HPV
Kappa/Lambda

MultiOmyx™ Multiplexed Immunofluorescence

Ang2
Arginase 1
BTLA/CD272
CCR4
CD11b
CD11cCD137/41BB
CD138
CD14
CD16
CD163
CD20
CD209/DC sign
CD27
CD276/B7-H3
CD3
CD31
CD33
CD34
CD39
CD4
CD40
CD40L
CD45
CD45RO
CD56
CD57
CD68
CD69
CD73
CD8
CEACAM1/CD66a
cMET
Collagen IV
CTLA4
CXCR4/CD184
DC4
EGFR
EGFR_cc
Eomes
ER
FAP/Seprase
FGFR1

FOXP3
Galectin 3
Galectin 9
GITR
GLUT1
Granzyme B
HER2
HER3
HLA-I/HLA-ABC
ICOS-L
IDO1
IGR-1R
iNOS
Ki57
Lag3
MICA
Notch1
NRP1
OX-40L/CD252
OX40
p-EGFR
pAKT
PDL1
PDL2
p-mTOR
PD1
Perforin
pERK 1_2
pHER2
PI3K-100a
PPDGFR-beta
PR
RON
SDF-1
SMA
Tie-2
TIM-3
VCTN-1/B7-H4
VEGFR1
VEGFR2
VEGFR3
vWF



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