

MGH Histopathology Stain Dictionary

Antibody Name
Adenovirus
Adhalin
Adipophilin
Adrenocorticotrophic hormone (ACTH)
Anaplastic lymphoma kinase (ALK TR)
Anaplastic lymphoma kinase (ALK)
Androgen Receptor (AR)
Arginase
Aspergillus
B-cell lymphoma 2 (BCL-2)
B-cell lymphoma 6 (BCL-6)
BOB.1
Brachyury
BRAF V600E (VE1)
C4d
C5b9
Calcitonin
Caldesmon
Calponin/Pankeratin
Calponin-1
Calretinin
Carbohydrate Antigen 19-9 (CA 19-9)
Carbonic Anhydrase IX (CA IX)
Carcino Embryonic Antigen Polyclonal (CEA)
Carcinoma Antigen 125 (CA125)
Caudal Type Homeobox 2 (CDX2)
Chromogranin A
Chymotrypsin
c-kit CD117
Claudin
Cluster of Differentiation 123
Cluster of Differentiation 10
Cluster of Differentiation 138/syndecan-1
Cluster of Differentiation 15
Cluster of Differentiation 163
Cluster of Differentiation 19
Cluster of Differentiation 1a
Cluster of Differentiation 2
Cluster of Differentiation 20
Cluster of Differentiation 21
Cluster of Differentiation 22
Cluster of Differentiation 23
Cluster of Differentiation 25
Cluster of Differentiation 3
Cluster of Differentiation 30
Cluster of Differentiation 31

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Cluster of Differentiation 34
Cluster of Differentiation 34
Cluster of Differentiation 35
Cluster of Differentiation 3Q
Cluster of Differentiation 4
Cluster of Differentiation 43
Cluster of Differentiation 45,LCA
Cluster of Differentiation 45RA
Cluster of Differentiation 45RO
Cluster of Differentiation 5
Cluster of Differentiation 56
Cluster of Differentiation 57
Cluster of Differentiation 61
Cluster of Differentiation 68
Cluster of Differentiation 7
Cluster of Differentiation 71
Cluster of Differentiation 79a
Cluster of Differentiation 8
Cluster of Differentiation 99
C-Myc
C-reactive protein (CRP)
Cyclin D1
Cyclin-dependent kinase 4
Cytokeratin (CAM 5.2)
Cytokeratin (High Molecular Weight)
Cytokeratin Cocktail (AE1 & AE3)
Cytokeratin Cocktail (AE1.3/CAM5.2)
Cytomegalovirus (CMV)
Ep-CAM/Epithelial Specific Antigen (Ber-EP4)
Podoplanin (D2-40)
T Cell Receptors BetaF1 (TCR-Beta F1)
TAG72 (B72.3)
α Synuclein
α -1-Antitrypsin
α -Fetoprotein (AFP)
α Subunit
α -Thalassemia mental Retardation syndrome X-linked non-deletion type (ATRX)
β Polypeptide Chorionic Gonadotropin (Beta-HCG)
β -Amyloid
β -catenin
β -dystroglycan
β -Sarcoglycan
Hairy Cell Leukemia Antibody (DBA.44)
Desmin
Discovered On Gastrointestinal stromal tumour 1 (DOG 1)
δ -Sarcoglycan (δ -Sarco)
Dystrophin

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E-cadherin
Epstein-Barr virus (EBV)
Epstein-Barr virus (EBV)
RNA Positive Control Probe
Epithelial Membrane Antigen
Estrogen Receptor (ER)
Ets-related gene (ERG)
Fatty acid-binding protein 1 (FABP1)
Factor VIII-Related Antigen (FVIIIIRA)
Factor XIIIa
Fascin
Fumarate Hydratase (FH)
Friend leukemia integration 1 transcription factor (FLI1)
Follicle Stimulating Hormone (FSH)
Galectin-3
Gastrin
GATA3
Gross cystic disease fluid protein-15 (GCDFP-15)
Glial Fibrillary Acidic Protein (GFAP)
Growth Hormone (GH)
Glucagon
Glucose Transporter 1 (GLUT1)
Glycophorin C
Glypican-3
Granzyme B
Glutamine Synthetase (GS)
γ -Sarcoglycan (γ -Sarco)
Helicobacter pylori
Histone H3 (tri methyl K27) (H3K27M)
Human Mesothelial Cell (HBME-1)
Hepatitis B Virus Core Antigen (HepB CoreAg)
Hepatitis B Virus Surface Antigen (HepB SurfAg)
Hepatocyte
Her-2/Neu (clone 4B5)
HemoGloBin (hGB)
Human HerpesVirus type 8 (HHV-8)
Melanosome specific antigen (HMB-45)
Hepatocyte Nuclear Factor 1 (HNF-1)
Human papillomavirus (HPV) 6 & 11
Hepatocyte Specific Antigen (HSA)
Herpes Simplex Virus I & II
Herpes Simplex Virus I
Herpes Simplex Virus II
Isocitrate Dehydrogenase 1 (IDH1)-R132H (IDH1-R132H)
Immunoglobulin Alpha (IgA)
Immunoglobulin Delta (IgD)
Immunoglobulin Epsilon (IgE)

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Immunoglobulin Gamma (IgG)
Immunoglobulin Gamma 4 (IgG4)
Immunoglobulin M (IgM)
Inhibin
Integrase Interactor 1 (INI1)
Insulin
ISH.Kappa
ISH.Lambda
Human papillomavirus (HPV) 16 & 18
Kappa
Cytokeratin 10 (CK10)
Cytokeratin 14 (CK14)
Cytokeratin 15 (CK15)
Cytokeratin 17 (CK17)
Cytokeratin 18 (CK18)
Cytokeratin 19 (CK19)
Cytokeratin 20 (CK20)
Cytokeratin 5/6 (CK5/6)
Cytokeratin 7 (CK7)
Cytokeratin Wide Spread (CKWS)
Cytokeratin Wide Spread (CKWS)
Cytokeratin (34betaE12) (CK903)
Ki67
Ki67/MelanA
Lambda
Laminin
Langerin
Luteinizing hormone (LH)
Lysozyme-Muramidase
Mammoglobin
Mart-1 (Melan A)
Mart-1/Ki67
Carcino Embryonic Antigen Monoclonal (McCEA)
Mouse Double Minute 2 Homolog (MDM2)
MelanA
Microphthalmia-Associated Transcription Factor (Mitf)
MutL homolog 1 (MLH1)
Cytokeratin 1 (MNF116)
Ep-CAM/Epithelial Specific Antigen (MOC-31)
Myeloperoxidase
MutS Homolog 2 (MSH2)
MutS Homolog 6 (MSH6)
Mucin 1 (Muc-1)

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Mucin 2 (Muc-2)
Mucin 4 (Muc-4)
Mucin 5AC (Muc5AC)
Mucin 6 (Muc-6)
Multiple Myeloma oncogene 1 (MUM1)
Muscle Actin (MA)(SMA)
MYeloBlastosis (MYB)
Myogenic Differentiation 1 (MyoD1)
Myogenin
Myoglobin
Myosin
Napsin A
NEUronal Nuclei (NEUN1)
Neurofilament
Cluster of Differentition 63 (NK1/C3)
Neuron Specific Enolase (NSE)
Nuclear protein in testis (NUT)
Octamer Transcription Factor-2
Octamer Transcription Factor 3/4
Oligodendrocyte transcription factor (OLIG2)
CINtec® p16 Histology
p40
p504S
P53
p57Kip2
P63
P63/CK34b12/p504S
p504S/p63
P63/PANK
Parafibrom
parvovirus
Paired Box 5 (PAX5)
Paired Box 8 (PAX8)
Programmed death-1 (PD-1)
Programmed death-ligand 1 (PD-L1)
Perforin
PIN-4 Cocktail (CK5/CK14/p63/P504S)
PKA/E1AE3/PCK26
PLacental Alkaline Phosphatase (PLAP)
Postmeiotic Segregation Increased 2 (PMS2)
Progesterone Receptor (PGR)(PR)
ProExc
Prolactin
Progesterone Receptor (PR)
Prostate Specific Antigen (PSA)
ProsAcidP (PSAP)

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Phosphatase And Tensin Homolog (PTEN)
Parathyroid Hormone (PTH)
Renal Cell Carcinoma
ROS1
S100
S100
S100/D2-40
Serum Amyloid A (SAA)
Sall4
Special AT-rich sequence-binding protein 2 (SATB2)
Succinate DeHydrogenase complex subunit B (SDHB)
Serotonin
Smooth Muscle Actin (SMA)
Signaling Effectors Mothers Against Decapentaplegic protein 4 (SMAD4)
Smooth Muscle Myosin (SMM)
Somatostatin
SRY-related HMG-box factor 10 (SOX10)
SRY-related HMG-box factor 11 (SOX11)
Spirochete (Treponema pallidum)
Signal Transduction And Transcription 6 (Stat6)
Simian vacuolating virus 40 or Simian virus 40 (SV40)
Synaptophysin
Tau
T-Cell Receptor Gamma (TCR gamma)
Terminal deoxynucleotidyl transferase (TdT)
Transcription Factor E3 (TFE3)
Thyroglobulin
Transducin-Like Enhancer of split 1 (TLE1)
Toxoplasma gondii
Transthyretin (TTR or prealbumin)
Trypsin
Tryptase
Thyroid Stimulating Hormone (TSH)
Thyroid Transcription Factor-1 (TTF-1)
Ubiquitin
Vimentin
Varicella-Zoster Virus (VZV)
Wilms Tumor 1 (WT1)
Wide Spectrum Cytokeratin (WSKeratin)
ZAP-70