

Histology – Immunohistochemistry Laboratory

Document Title: Currently Available Antibodies

Document Code: AP-HISTO-IHC-CHT-001-V.01

Immunohistochemistry Antibodies

Prepared/Reviewed by: Martin Slade, Technical Service Supervisor, Histology Laboratory
Joy Cramer, Assistant Supervisor, Immunohistochemistry Laboratory

Cell Marker Antibodies			Infectious Disease Antibodies
Adrenocorticotropin hormone (ACTH)	Kappa and Lambda	von Willebrand Factor (Factor VIII related antigen)	Adenovirus - (canine, bovine, equine)
Alpha-antitrypsin	Lysozyme	CK7	Borrelia burgdorferi (Lyme Disease)
β-amyloid precursor protein	MAC387	CK20	Bovine coronavirus
BLA-36 (K9, Feline, Equine)	Melan A	CK19	Bovine respiratory syncytial virus - BRSV
Calcitonin	Muscle actin	MyoGenin	Bovine viral diarrhea - BVD
Calponin	Myeloperoxide	HepPAR 1	Chlamydia
CD 3 (K9, Feline, Equine)	Myogenin		Canine distemper virus - CDV
CD 18 (β ₂ integrin) (K9 & Feline)	Myoglobin		Eastern equine encephalitis - EEE
	Neurofilament		Equine Herpes virus - EHV 1&4
CD 45RA (K9 only)	Neuron specific enolase		Equine viral arteritis
CD 45 B220 (K9, Feline, Equine)	Po Peripheral Nerve Myelin		Feline Herpes virus
CD 79a (HM57) (K9, Feline, Equine)	P ₅₃		Feline calicivirus
CD 117 C-kit	Pancreatic amylase		Feline infectious peritonitis (feline and K9 coronavirus) - FIP
Chromogranin A	Parathyroid hormone		Hemophilus somnus
Clara cell protein 26 KD	Pax 5		Infectious bovine rhinotracheitis (BHV-1)
Cytokeratin AE1/3	Proliferating cell nuclear antigen (PCNA)		Leptospira
Desmin	S100		Listeria
Factor XIIIa	Sarcomeric actin		Mycoplasma Bovis
Gastrin	Serotonin		Minute parvovirus (CPV-1)
Glial fibrillary acidic protein (GFAP)	Smooth muscle actin		Neospora
Glucagon	Somatostatin		Papillomavirus
Growth hormone (K9 only)	Surfactant protein A (SP-A)		Parvovirus: (CPV vp1/vp2) / Panleukopenia
Immunoglobulin and C3: (K9, feline and equine)	Synaptophysin		Rabies
Inhibin	Thyroglobulin		Rotavirus
Insulin	Uroplaken III		Toxoplasma
Ki67	Vimentin		West Nile