

MSU VDL IHC Menu by IHC Category

Endocrine / Neuroendocrine	Neuro / Melanoma	Round cell / Inflammatory cell	Carcinogenesis	Mesenchymal Cells
ACTH	GFAP	BCL- 2	AgNOR	Actin, smooth muscle
Calcitonin	Claudin 1	BCL-6	COX-2	CD31 (endothelial cells)
Chromogranin A	HMB45	Cd117 (KIT)	Cyclin D1	CD34
Endorphin	Melan-A	CD11d (canine)	Cyclin D3	Desmin
FSH	Melanoma cocktail (includes Melan A, PNL-2, TRP-1, TRP-2)	CD163	ER	Factor VIII RA
Gastrin	MITF	CD18 (canine)	Her-2	Laminin
GH	Neurofilament (NF)	CD18 (feline)	Ki67 red	MSA
Glucagon	PNL-2	CD20	p16	Myoglobin
Inhibin	S100	CD204	p53	Osteonectin
Insulin	Sox10	CD3	PCNA	Vimentin
LH		CD45 (canine)	PR	
Metenkephalin		CD79a (Do not order this antibody order CD20 or CD3)		
Neuron specific enolase (NSE)		E-cadherin		
Pancreatic polypeptide		IBA-1**		
Parathyroid hormone (canine mostly; NOT cats)		IgA (canine)		
PGP9.5		IgG (canine)		
Somatostatin		IgM (canine)		
Synaptophysin		Kappa light chains		
Thyroglobulin		Lambda light chains		
TTF-1 (canine only; NOT cats)		MUM-1		
Vasoactive intestinal protein		PAX-5		
		Thy-1		
		Tryptase		
		**Recommend CD18 and CD204; polyclonal AB not as good as CD18 and CD204		

MSU VDL IHC Menu by IHC Category

Epithelial / Myoepithelial	Panels	Infectious Agents	In-situ Hybridization for Infectious Agents
Aquaporin-2	MCT Panel	Aspergillus	Aleutian disease virus
Calbindin	AgNOR	Avian poxvirus	Canine herpesvirus
Calponin	Cd117 (KIT)	Blastomyces dermatitidis	Chlamydia psittacii
Calretinin	Ki67	Bovine viral diarrhea virus	Coccidioides immitis
Cytokeratin 19	PCR for exon 8 and 11 mutations	BRSV	Eastern equine encephalitis
Cytokeratin 20	Melanoma Prognostic Panel	CAEV	Feline herpesvirus
Cytokeratin 5/6	Ki67	Campylobacter	Filamentous fungi
Cytokeratin 7	Mitotic count	Candida albicans	Leishmania generic
Cytokeratin HMW, 34BE12	Nuclear atypia	Canine coronavirus	Leishmania infantum
Desmoglein 1&2	Melanoma Diagnostic Panel	Canine distemper virus	Papillomavirus generic
Desmoplakin1&2	immunodiagnostic cocktail containing antibodies against PNL-2, Melan A, TRP-1 and TRP-2	Canine parvovirus	Porcine circovirus
HepPar-1	PARR Testing on ffpe Tissue	Coxiella	VHSV
P63	B-cell (cannot be run alone)	Cryptosporidium parvum	West Nile virus
Pancytokeratin AE1/AE3	T-cell (cannot be run alone)	Equine herpesvirus	
Pancytokeratin MNF116	Feline intestinal lymphoma panel	Feline calicivirus	
Prostatic Acid Phosphatase	Prognostic Molecular Mammary Tumor Panel	Feline coronavirus	
Surfactant	Her-2, ER, PR, CK5/6, EGFR, ki67, p63, E-cad and P-cad	Feline leukemia virus	
Thamm-Horsefall Protein	Tyrosine Kinase and Tyrosine Kinase Receptor Panel	Feline parvovirus	
Uroplakin III	EGFR, Her-2, PDGF, PDGF-r, VEGF, VEGF-r, SCF and KIT	Ferret coronavirus	
Villin		Francisella	
WT-1		IBR virus	
		Influenza A virus	
		Lawsonia	
		Leptospira spec.	
		Listeria monocytogenes	
		Neospora caninum	
		Rabies	
		Sarcocystis neurona	
		Toxoplasma gondii	
		West Nile virus	