

Antibodies validated to work on porcine tissue IHC

Antibody	Target	Positive control	Group
CD68	Macrophages	spleen	immune cells
CD4	T-helper cells	spleen	immune cells
CD8	T-cytokine killer cells	spleen	immune cells
CD45	T-cells	spleen	immune cells
Neutrophil Elastase	Neutrophil	spleen	immune cells
FOXP3	T-Cells	Thymus	immune cells
Caspase 1	pro-inflammatory factor	infected tissue	cell damage
Caspase 3	Apoptosis	apoptotic cells	cell damage
TUNEL	DNA fragmentation	necrotic tissue	cell damage
FABP1	fatty acid metabolism	liver	cell damage
Ki67	Proliferating cells	tumor/ cancer tissue	cell growth
CD31	endothelial cells	blood vessels	vasculature
α -TSP1 (Thrombospondin1)	platelets	blood clots	vasculature
Osteocalcin	Bone formation	bone tissue	bone
Pancytokeratin	Epithelial Cells	epithelium, glands, carcinoma cancer	cancer
PDGFR	Cancer angiogenesis	cancer tissue stromal cells	cancer
Vimentin	connective tissue	lamina propria in intestinal villi	cancer
CDX2	transcription factor in digestive system	intestine	cancer
Wnt3a	regulates proliferation and apoptosis	intestine	cancer
E-cadherin	cell junction	any tissue with epithelial cell	cancer
GFP	Green Fluorescence Protein	protein expression marker	gene expression
RFP/ mCherry	Red Fluorescence Protein	gene expression marker	gene expression
Keratin	keratin fibre	skin, intestine	cell structural