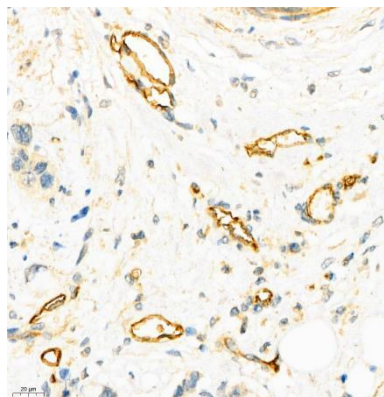
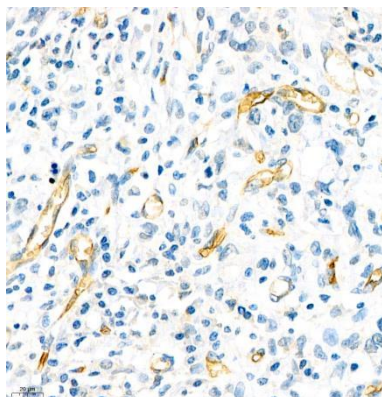
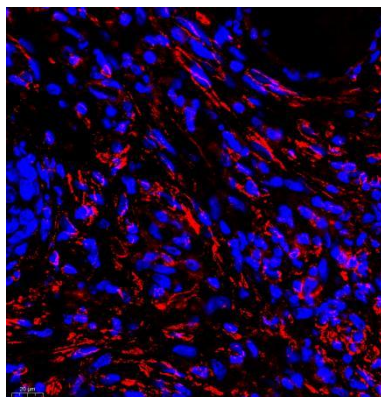


Anti-CD34 Mouse mAb

GB121693 -20°C

Product Information			
Protein full name	Hematopoietic progenitor cell antigen CD34		
Synonyms	CD34, HPCA1, Mucosialin, Cluster designation 34, cluster of differentiation 34, CD34 antigen, CD34 molecule		
Immunogen	Human recombinant CD34 protein expressed in CHO cells		
Uniprot ID	P28906		
Isotype	IgG1, κ		
Purity	Affinity purification		
Subcellular location	Membrane		
Applications			
IHC/IF	Human, Mouse, Rat	1: 500-1: 1000	brain, breast cancer, cervical cancer
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.02% sodium azide, 100 μg/mL BSA and 50% glycerol.		
Background			
CD34 is a 105- to 120-kDa glycoposphoprotein expressed on the majority of hematopoietic stem/progenitor cells, bone marrow stromal cells, capillary endothelial cells, embryonic fibroblasts, and some nerve tissue. CD34 is a commonly used marker for identifying human hematopoietic stem/progenitor cells and mediates cell adhesion and lymphocyte homing by binding L-selectin and E-selectin ligands. CD34 is also one of the best negative selection markers for characterizing and/or isolating human MSCs from bone marrow and other sources.			
Images			
			
Immunohistochemistry analysis of paraffin embedded human breast cancer using CD34 (GB121693) at dilution of 1: 500	Immunohistochemistry analysis of paraffin embedded human gastric cancer using CD34 (GB121693) at dilution of 1: 500	Immunofluorescence analysis of paraffin embedded human cervical intestine using CD34 (GB121693) at dilution of 1: 500	

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