

# Anti-CD31 Mouse mAb

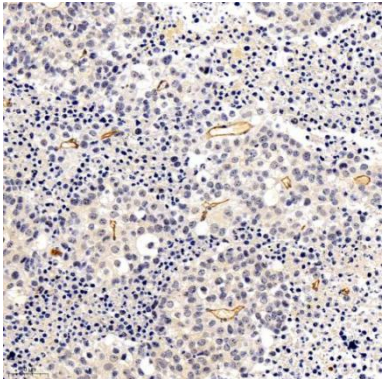
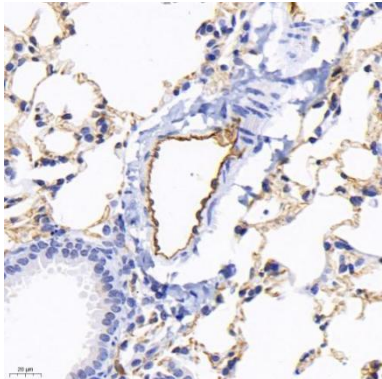
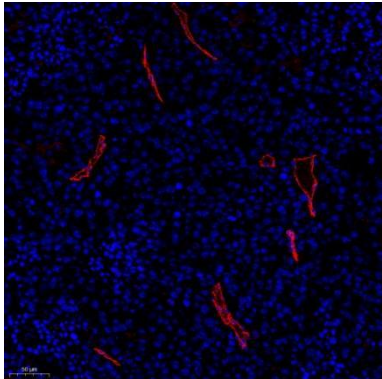
GB123151 -20°C

Product Information	
Protein full name	Platelet endothelial cell adhesion molecule
Synonyms	CD31 Antigen, EndoCAM, PECAM-1, GPIIA, PECA1, CD31
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse CD31
Uniprot ID	P16284
Isotype	IgG1, κ
Purity	Affinity purification
Subcellular location	Cell membrane

Applications			
IHC/IF	Mouse	1: 500-1: 3000	liver cancer, lung, B16 cell derived xenograft

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	
Platelet endothelial cell adhesion molecule (PECAM-1) also known as cluster of differentiation 31 (CD31) is a protein that in humans is encoded by the PECAM1 gene found on chromosome 17. PECAM-1 plays a key role in removing aged neutrophils from the body. PECAM-1 is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions.	

Images		
		
Immunohistochemistry analysis of paraffin-embedded mouse liver cancer using CD31 (GB123151) at dilution of 1: 1000	Immunohistochemistry analysis of paraffin-embedded mouse lung using CD31 (GB123151) at dilution of 1: 1000	Immunofluorescent analysis of paraformaldehyde-fixed mouse B16 cell derived xenograft using CD31 (GB123151) at dilution of 1: 1000

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