

Anti-CD31 Mouse mAb

GB12063 -20°C

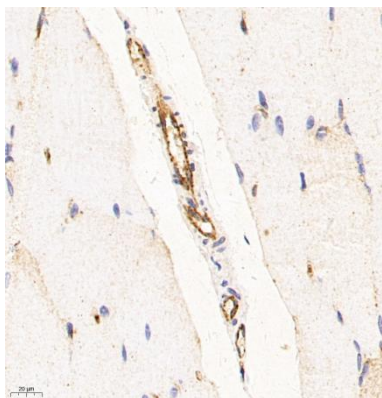
Product Information	
Protein full name	Platelet endothelial cell adhesion molecule
Synonyms	CD31 Antigen, EndoCAM, PECAM-1, GPIIA, PECA1, CD31
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse CD31
Uniprot ID	Q08481
Isotype	IgG2a, κ
Purity	Affinity purification
Subcellular location	Membrane, Cell junction

Applications			
IHC/IF	Mouse, Rat	1: 200-1: 1000	lung, heart, lung

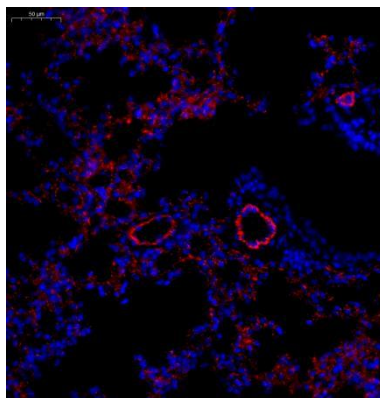
Storage	
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.02% sodium azide, 100 µg/mL BSA and 50% glycerol.

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. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte transmigration, angiogenesis, and integrin activation.

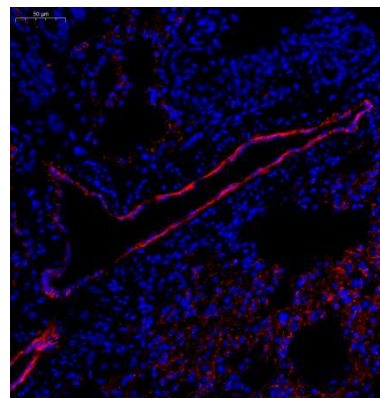
Images



Immunohistochemistry analysis of paraffin embedded rat skeletal muscle using CD31 (GB12063) at dilution of 1: 200



Immunofluorescence analysis of paraffin embedded mouse lung using CD31 (GB12063) at dilution of 1: 600



Immunofluorescence analysis of paraffin embedded rat lung using CD31 (GB12063) at dilution of 1: 600

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