

Anti-CD31 Rabbit pAb

GB113151 -20°C

Product Information

Protein full name	Platelet endothelial cell adhesion molecule
Synonyms	CD31 Antigen, EndoCAM, PECAM-1, GPIIA, PECA1, CD31
Immunogen	Recombinant Human CD31 protein expressed in HEK293 cells
Uniprot ID	P16284
Isotype	IgG
Purity	Affinity purification
Subcellular location	Cell membrane

Applications

IHC/IF	Human, Mouse, Rat	1: 300-1: 600	lung, liver cancer
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Storage

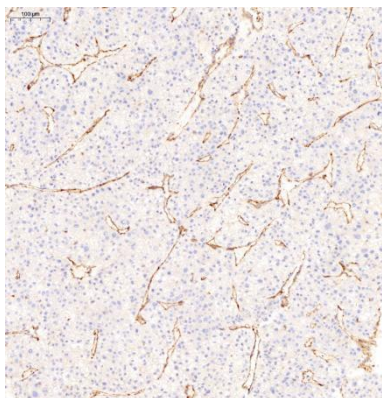
Storage Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Storage Buffer PBS with 0.02% sodium azide, 100 µg/mL BSA and 50% glycerol.

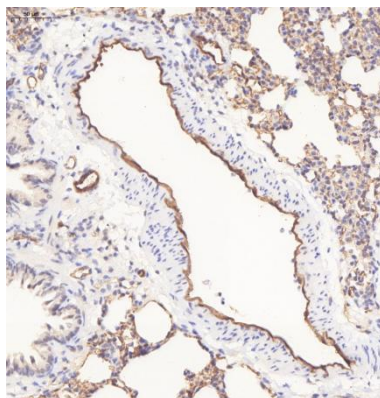
Background

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.

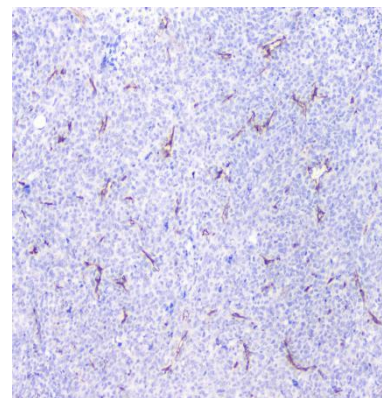
Images



Immunohistochemistry analysis of paraffin embedded human liver cancer using CD31 (GB113151) at dilution of 1: 300



Immunohistochemistry analysis of paraffin embedded rat lung using CD31 (GB113151) at dilution of 1: 300



Immunohistochemistry analysis of paraffin embedded Subcutaneous tumor (A549) using CD31 (GB113151) at dilution of 1: 300

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