

Mouse anti-Human PECAM-1 / CD31 Monoclonal Antibody | anti-PECAM-1 antibody

Mouse Monoclonal (IgG1) to Human PECAM-1 / CD31

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51850	Mouse	Human	ELISA, Western Blot, Immunohistochemistry

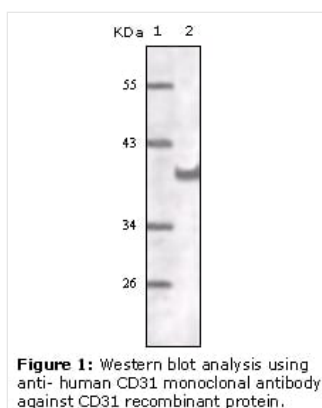
PRODUCT SYNONYMS

PECAM-1 / CD31; Monoclonal Antibody; Mouse Monoclonal (IgG1) to Human PECAM-1 / CD31; Anti-PECAM-1 / CD31 Antibody IHC-plus; PECAM1; CD31; CD31 antigen; EndoCAM; PECA1; PECAM-1; GPIIA; Human PECAM-1; anti-PECAM-1 antibody

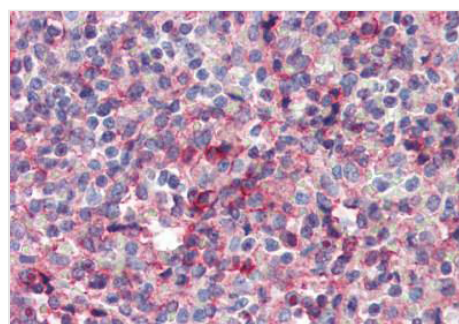
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	Ni-NTA purified recombinant CD31 expressed in E Coli strain BL21 (DE3)
Purity/Purification	Ascites
Form/Format	Ascitic fluid, 0.03% sodium azide.
Sequence Length	738
Applicable Applications for anti-PECAM-1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human PECAM1 / CD31.
Immunogen Type	Recombinant protein
Immunogen	PECAM-1 / CD31 antibody was raised against recombinant human PECAM1 / CD31.
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

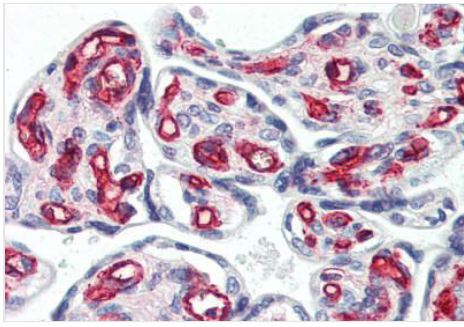
IMAGES



WB (Western Blot)



IHC (Immunohistochemistry)
Anti-CD31 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohistochemistry)
 Anti-CD31 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-PECAM-1 antibody	CD31 (PECAM1) 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. CD31 is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110347451
NCBI GeneID	5175
NCBI Accession #	NP_000433.3
NCBI GenBank Nucleotide #	NM_000442.3
UniProt Accession #	P16284; Q6LDA9; Q8TBH1; Q96RF5; Q96RF6; Q9NP65; Q9NPB7; Q9NPG9; Q9NQS9; Q9NQT0; A8K3S7; D3DU31
Molecular Weight	81,378 Da
NCBI Official Full Name	platelet endothelial cell adhesion molecule
NCBI Official Synonym Full Names	platelet/endothelial cell adhesion molecule 1
NCBI Official Symbol	PECAM1
NCBI Official Synonym Symbols	CD31; PECA1; GPIIA ⁺ ; PECAM-1; endoCAM; CD31/EndoCAM
NCBI Protein Information	platelet endothelial cell adhesion molecule; CD31 antigen
UniProt Protein Name	Platelet endothelial cell adhesion molecule
UniProt Gene Name	PECAM1
UniProt Synonym Gene Names	PECAM-1
UniProt Entry Name	PECA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.