

Rabbit anti-Human, Mouse PECAM-1 / CD31 Polyclonal Antibody | anti-PECAM-1 antibody

Rabbit Polyclonal (IgG) to Human PECAM-1 / CD31

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51018	Rabbit	Human, Mouse	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

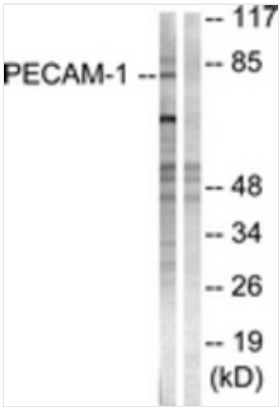
PRODUCT SYNONYMS

PECAM-1 / CD31; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human PECAM-1 / CD31; Anti-PECAM-1 / CD31 Antibody (aa686-735) IHC-plus; PECAM1; CD31; CD31 antigen; EndoCAM; PECA1; PECAM-1; GPIIA; Human PECAM-1; anti-PECAM-1 antibody

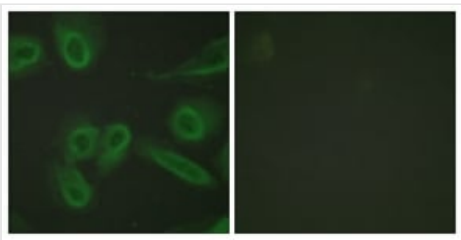
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PECAM-1 Antibody detects endogenous levels of total PECAM-1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	738
Applicable Applications for anti-PECAM-1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human PECAM-1 (aa686-735).
Immunogen	PECAM-1 / CD31 antibody was raised against synthetic peptide from human PECAM-1 (aa686-735).
Antigen Modification	aa686-735
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

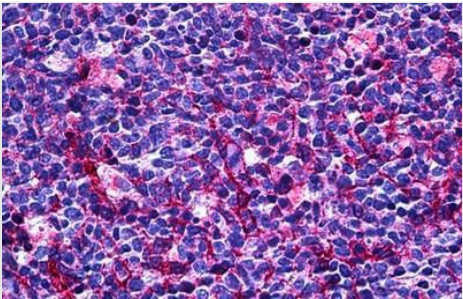
IMAGES



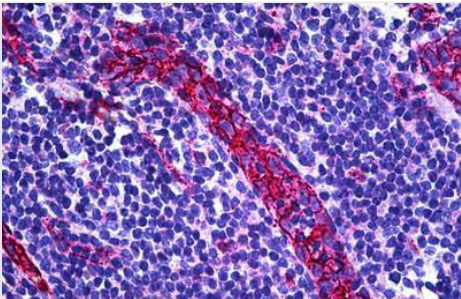
WB (Western Blot)
Western blot of extracts from Jurkat cells, using PECAM-1 Antibody. The lane on the right is treated with the synthesized peptide.



IF (Immunofluorescence)
Immunofluorescence of HeLa cells, using PECAM-1 Antibody. The picture on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)
Anti-CD31 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)
Anti-CD31 antibody IHC of human tonsil, vessel. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

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; Q9NQTO; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pecam-1-cd31-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/51018>