

Goat anti-Human PECAM1/CD31 Antibody | anti-PECAM1 antibody

Goat anti-PECAM1/CD31 (aa218-231) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61882	Goat	Human	Immunohistochemistry, Immunofluorescence, ELISA

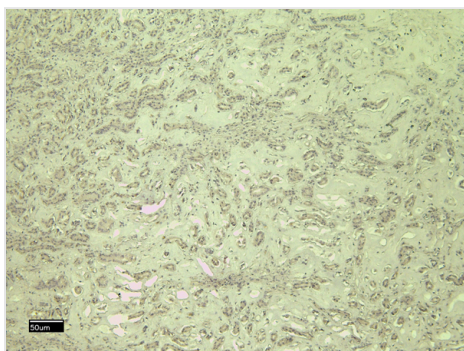
PRODUCT SYNONYMS

PECAM1/CD31; Goat anti-PECAM1/CD31 (aa218-231) Antibody; PECAM1; platelet/endothelial cell adhesion molecule 1; CD31; CD31/EndoCAM; GPIIA'; PECA1; PECAM-1; endoCAM; CD31 antigen; platelet endothelial cell adhesion molecule; PECAM1/CD31 (aa218-231); anti-PECAM1 antibody

PRODUCT SPECIFICATIONS

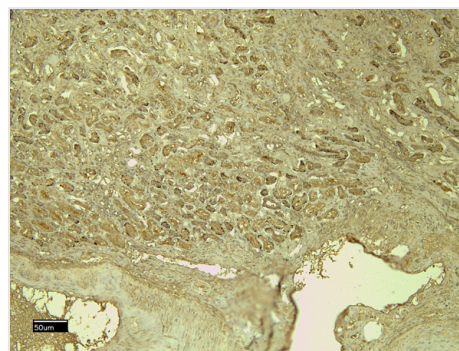
Host	Goat
Reactivity	Human
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-PECAM1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-TSESTKSELVTVE, from the internal region of the protein sequence according to NP_000433.4.
Epitope	internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



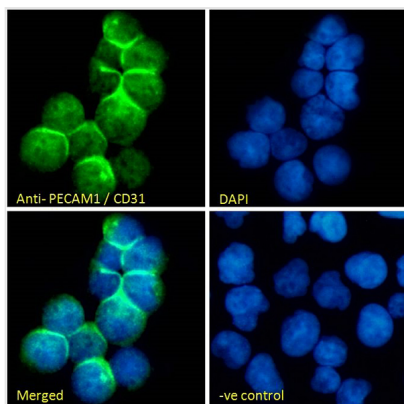
IHC (Immunohistochemistry)

AAA61882 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.



IHC (Immunohistochemistry)

AAA61882 (4ug/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



ICC (Immunocytochemistry)

AAA61882 Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cell junction staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

ADDITIONAL INFORMATION

References	Florey O, Durgan J, Muller W.; Phosphorylation of leukocyte PECAM and its association with detergent-resistant membranes regulate transendothelial migration.; Journal of immunology (Baltimore, Md. : 1950) 2010 Aug 185 (3): 1878-86.; PMID: 20581150
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NCBI AND UNIPROT INFORMATION

NCBI GI #	313760624
NCBI GeneID	5175
NCBI Accession #	NP_000433.4
NCBI GenBank Nucleotide #	NM_000442.4
UniProt Accession #	P16284; Q6LDA9; Q8TBH1; Q96RF5; Q96RF6; Q9NP65; Q9NPB7; Q9NPG9; Q9NQS9; Q9NQT0; Q9NQT1; Q9NQT2
Molecular Weight	82,536 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.