

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

PECAM-1 (Phospho-Tyr713) Antibody

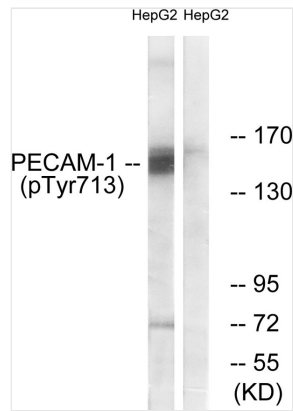
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316211	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

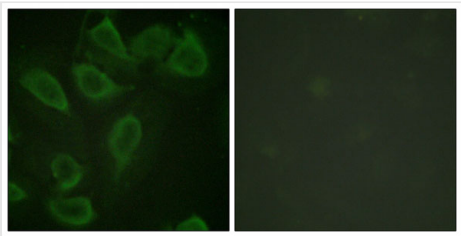
PECAM-1; Polyclonal Antibody; PECAM-1 (Phospho-Tyr713) Antibody; CD31; CD31 antigen; EndoCAM; PEC1; PECA1; PECAM; PECAM1; Platelet endothelial cell adhesion molecule precursor; anti-PECAM-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	PECAM-1 (Phospho-Tyr713) Antibody detects endogenous levels of PECAM-1 only when phosphorylated at Tyr713.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	727
Applicable Applications for anti-PECAM-1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y713; M:Y702
Immunogen	The antiserum was produced against synthesized peptide derived from human PECAM-1 around the phosphorylation site of Tyr713.
Immunogen Range	686-735
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from HepG2 cells, using PECAM-1 (Phospho-Tyr713) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, using PECAM-1 (Phospho-Tyr713) Antibody. The picture on the right is blocked with the phospho peptide.

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; A8K3S7; D3DU31
Molecular Weight	82 kDa
NCBI Official Full Name	platelet endothelial cell adhesion molecule
NCBI Official Synonym Full Names	platelet and 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
UniProt Protein Name	Platelet endothelial cell adhesion molecule
UniProt Gene Name	PECAM1
UniProt Synonym Gene Names	PECAM-1

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.