

Rabbit anti-Human CD31 Polyclonal Antibody | anti-PECAM1 antibody

CD31 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285712	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

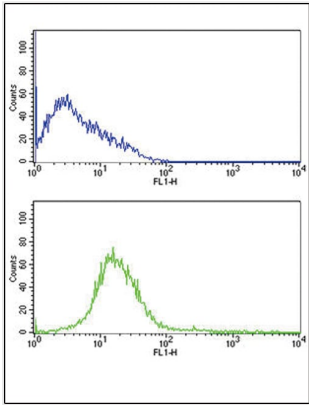
PRODUCT SYNONYMS

CD31; Polyclonal Antibody; CD31 Antibody (C-term); Platelet endothelial cell adhesion molecule; PECAM-1; EndoCAM; GPIIA^b; PECA1; PECAM1; anti-PECAM1 antibody

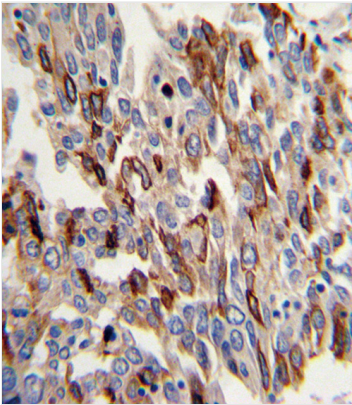
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD31 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 690-718 amino acids from the C-terminal region of human CD31.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	690-718
Sequence Length	738
Applicable Applications for anti-PECAM1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

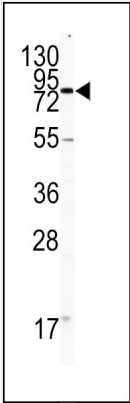
IMAGES



FCM/FACS (Flow Cytometry)
CD31 Antibody (C-term) flow cytometric analysis of HL60 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma with CD31 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CD31 antibody (C-term) in HL60 cell line lysates (35ug/lane). CD31 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PECAM1 antibody	CD31 is a cell adhesion molecule expressed on platelets and at endothelial cell intercellular junctions.
Product Categories/Family for anti-PECAM1 antibody	Cancer; Cardiovascular; Immunology; Signal transduction
References	Simmons D.L., Walker C.J. Exp. Med. 171:2147-2152(1990) Stockinger H., Gadd S.J.J. Immunol. 145:3889-3897(1990) Newman P.J., Berndt M.C.Science 247:1219-1222(1990)

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; Q9NQTO; A8K3S7; D3DU31

Molecular Weight	82536
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
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/cd31-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285712>