

Rabbit anti-Human, Mouse CD31 Polyclonal Antibody | anti-CD31 antibody

CD31 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29956	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

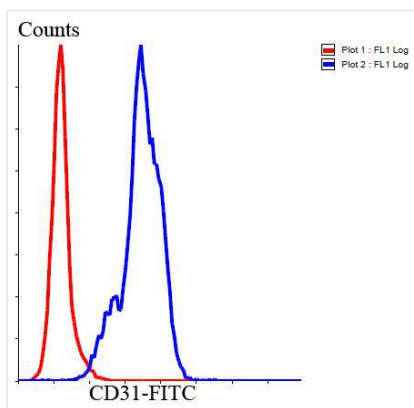
PRODUCT SYNONYMS

CD31; Polyclonal Antibody; CD31 Antibody; Adhesion molecule antibody; CD31 antibody; CD31 antigen antibody; CD31 EndoCAM antibody; EndoCAM antibody; FLJ34100 antibody; FLJ58394 antibody; GPIIA antibody; GPIIA' antibody; PECA1 antibody; PECA1_HUMAN antibody; Pecam 1 antibody; PECAM 1 CD31 EndoCAM antibody; PECAM antibody; PECAM-1 antibody; Pecam1 antibody; Platelet and endothelial cell adhesion molecule 1 antibody; Platelet endothelial cell adhesion molecule antibody; Platelet/endothelial cell adhesion molecule 1 antibody; anti-CD31 antibody

PRODUCT SPECIFICATIONS

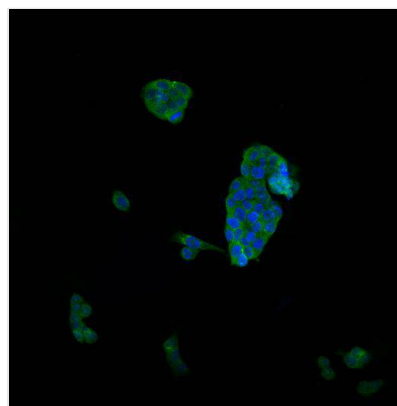
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD31 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IHC: 1:200 ICC: 1:200 FC/FACS: 1:100-1:200
Immunogen	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to C-terminal residues of human CD31.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



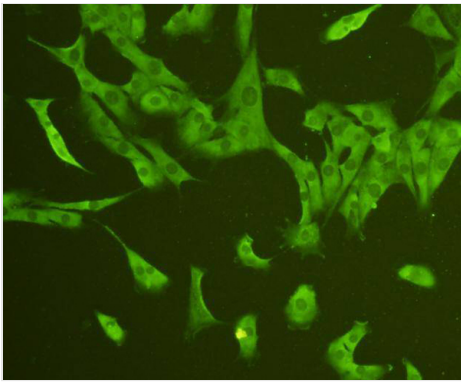
FCM (Flow Cytometry)

Flow cytometric analysis of Jurkat cells with CD31 antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti rabbit IgG (FITC) was used as the secondary antibody.



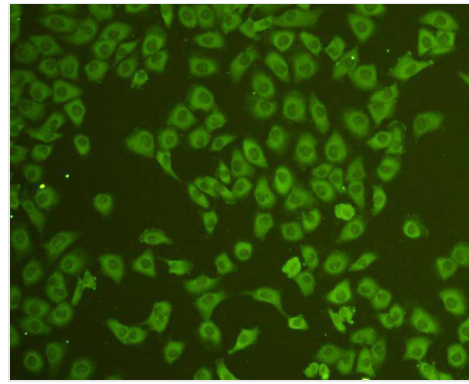
ICC (Immunocytochemistry)

ICC staining CD31 in SW480 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



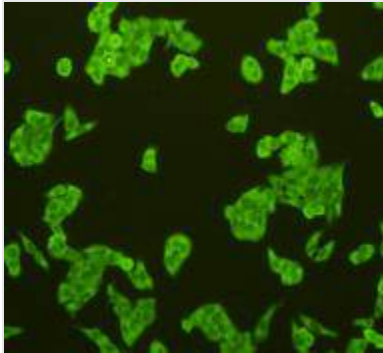
ICC (Immunocytochemistry)

ICC staining CD31 in NIH/3T3 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



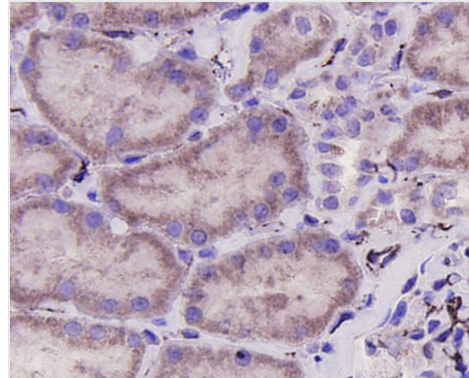
ICC (Immunocytochemistry)

ICC staining CD31 in HUVEC cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining CD31 in HeLa cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CD31 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-CD31 antibody	PECAM-1 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. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte transmigration, angiogenesis, and integrin activation. CD31 is also expressed in certain tumors, including epithelioid hemangioendothelioma, epithelioid sarcoma-like hemangioendothelioma, other vascular tumors, histiocytic malignancies, and plasmacytomas. It is rarely found in some sarcomas, such as Kaposi's sarcoma and carcinomas. In immunohistochemistry, CD31 is used primarily to demonstrate the presence of endothelial cells in histological tissue sections. This can help to evaluate the degree of tumour angiogenesis, which can imply a rapidly growing tumor
Product Categories/Family for anti-CD31 antibody	Total protein Ab

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd31-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29956>