

Mouse CD31 Monoclonal Antibody | anti-CD31 antibody

CD31 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319997	Mouse	Human, Rabbit	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

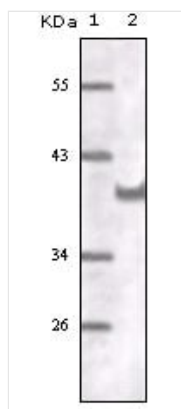
PRODUCT SYNONYMS

CD31; Monoclonal Antibody; CD31 Monoclonal Antibody; Alpha-type platelet-derived growth factor receptor; PECAM1; Platelet endothelial cell adhesion molecule; PECAM-1; EndoCAM; GPIIA'; PECA1; CD antigen CD31; anti-CD31 antibody

PRODUCT SPECIFICATIONS

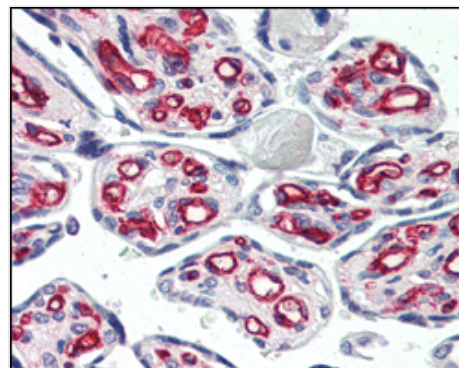
Host	Mouse
Reactivity	Human, Rabbit
Clonality	Monoclonal
Specificity	CD31 Monoclonal Antibody detects endogenous levels of CD31 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-CD31 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CD31 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



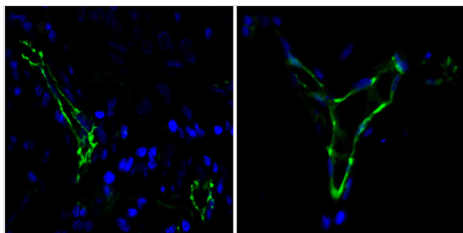
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded human lung cancer(left) and breast cancer(right) cells using CD31 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta tissues with AEC staining using CD31 Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using CD31 Monoclonal Antibody against truncated CD31 recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-CD31 antibody	The protein encoded by this gene 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 migration, angiogenesis, and integrin activation. [provided by RefSeq, May 2010]
Product Categories/Family for anti-CD31 antibody	Primary Antibodies

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/monoclonal/cd31-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/319997>