

Mouse anti-Human CD31/PECAM1 Monoclonal Antibody | anti-CD31/PECAM1 antibody

Anti-Human CD31/PECAM1 Antibody (SAA2178)

CATALOG # AAA120765	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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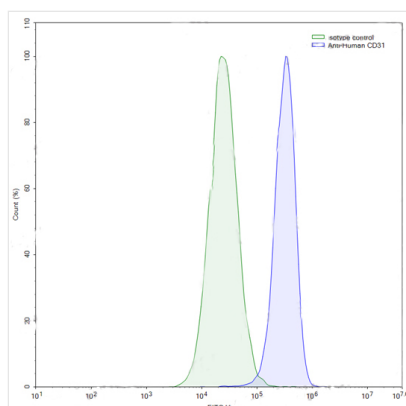
PRODUCT SYNONYMS

CD31/PECAM1; Monoclonal Antibody; Anti-Human CD31/PECAM1 Antibody (SAA2178); Platelet endothelial cell adhesion molecule; PECAM-1; EndoCAM; GPIIA'; PECA1; CD31; PECAM1; VHH-mFc; anti-CD31/PECAM1 antibody

PRODUCT SPECIFICATIONS

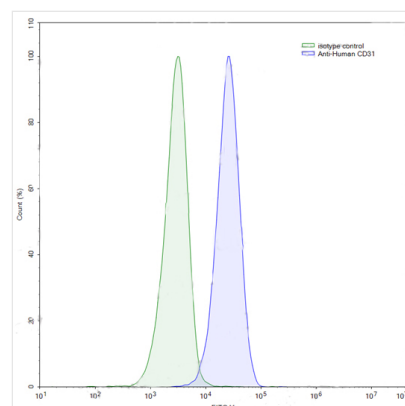
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	SAA2178
Purity/Purification	>95% as determined by SDS-PAGE. Protein A/G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH 7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD31/PECAM1 antibody	WB (Western Blot), ELISA
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term.

IMAGES



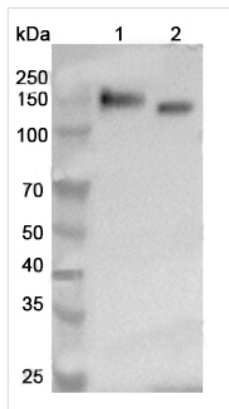
FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human CD31 antibody. THP-1 cells were stained with an irrelevant antibody (Green Histogram) or an anti-human CD31 antibody monoclonal antibody (#AAA120765, Blue Histogram) at a concentration of 5ug/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-mouse antibody and cells analysed on a NovoCyte Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human CD31 antibody. Jurkat cells were stained with an irrelevant antibody (Green Histogram) or an anti-human CD31 antibody monoclonal antibody (#AAA120765, Blue Histogram) at a concentration of 5ug/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-mouse antibody and cells analysed on a NovoCyte Flow Cytometer.



WB (Western Blot)
 Various lysates were subjected to SDS PAGE followed by western blot with CD31 antibody (AAA120765) at 1 ug/mL. Lane 1: THP-1 cell lysate. Lane 2: Jurkat cell lysate. Second Ab: Goat Anti-Mouse IgG H&L Polyclonal antibody, HRP (PMB96431) at 0.1 ug/mL. Predict MW: 83 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD31/PECAM1 antibody	Recombinant Antibodies; Monoclonal Antibodies
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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.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd31-pecam1-antibody-clone-saa2178-western-blot-elisa/120765>