

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

Anti-Human CD31 Monoclonal Antibody (Alexa Fluor 488 Conjugated)

CATALOG # AAA174572	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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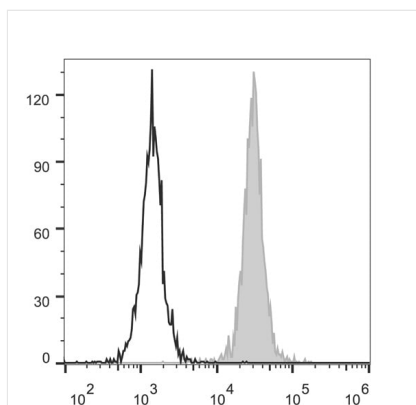
PRODUCT SYNONYMS

CD31; Monoclonal Antibody; Anti-Human CD31 Monoclonal Antibody (Alexa Fluor 488 Conjugated); Platelet endothelial cell adhesion molecule; PECAM1; PECAM-1; EndoCAM; GPIIA; PECA1; anti-CD31 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	158-2B3
Form/Format	Liquid; Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Sequence Length	720
Applicable Applications for anti-CD31 antibody	FCM/FACS (Flow Cytometry)
Conjugation	Alexa Fluor 488
Recommended Usage	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use
Preparation and Storage	Store at 2-8° and protected from prolonged exposure to light.Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Human peripheral blood granulocytes are stained with Anti-Human CD31 Monoclonal Antibody (Alexa Fluor 488 Conjugated)(filled gray histogram). Unstained granulocytes (empty black histogram) are used as control.

ADDITIONAL INFORMATION

Related Product Information for anti-CD31 antibody	CD31 is a 130-140 kD type I transmembrane glycoprotein also known as platelet endothelial cell adhesion molecule-1 (PECAM-1) or Endocam. It is expressed on monocytes, platelets, granulocytes, endothelial cells and lymphocyte subsets. CD31 has been reported to bind CD38 and be involved in wound healing, angiogenesis, and cellular migration in an inflammatory situation.
References	1. DeLisser H, et al. 1994. Immunol. Today 15:490. 2. Newman P, 1997. J. Clin. Invest. 99:3. 3. Fawcett J, et al. 1995. J. Cell Biol. 128:1229.

NCBI AND UNIPROT INFORMATION

NCBI GI #	313760624
NCBI GeneID	5175
NCBI Accession #	NP_000433.4
NCBI GenBank Nucleotide #	NM_000442.5
UniProt Accession #	P16284; Q6LDA9; Q8TBH1; Q96RF5; Q96RF6; Q9NP65; Q9NPB7; Q9NPG9; A0A075B738; A8K3S7; D3DU31
Molecular Weight	80,465 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd31-antibody-clone-158-2b3-flow-cytometry-elisa/174572>