

Mouse CD31 Monoclonal Antibody | anti-CD31 antibody

MOUSE ANTI HUMAN CD31:RPE

CATALOG # AAA49599	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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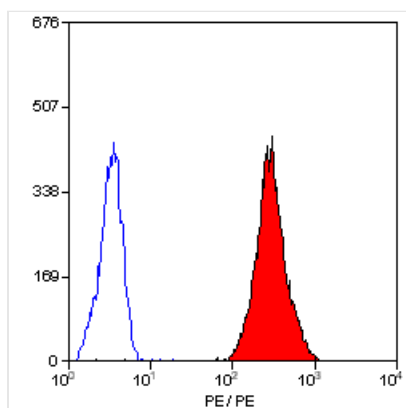
PRODUCT SYNONYMS

CD31; Monoclonal Antibody; MOUSE ANTI HUMAN CD31:RPE; anti-CD31 antibody

PRODUCT SPECIFICATIONS

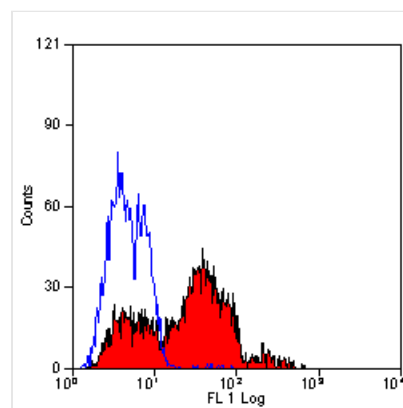
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	WM59
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid
Sequence Length	738
Applicable Applications for anti-CD31 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin 5% Sucrose Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of despatch.

IMAGES



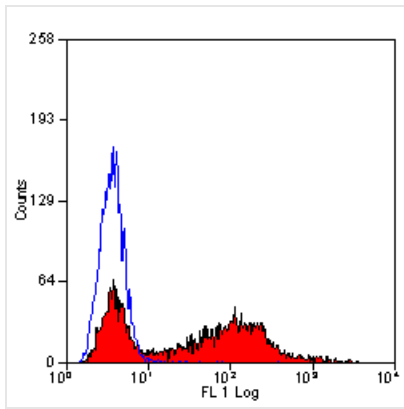
Application Data

Staining of human peripheral blood platelets with Mouse anti Human CD31:RPE



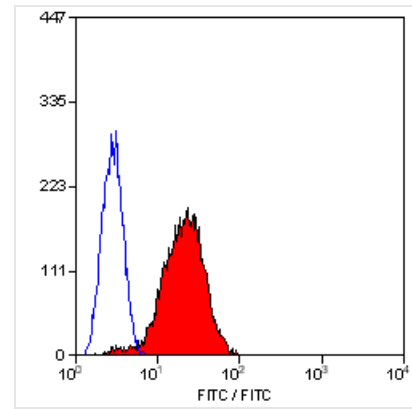
Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human CD31



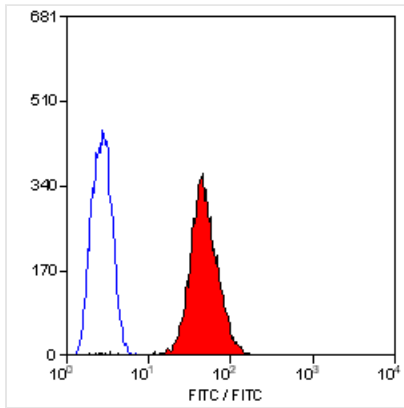
Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human CD31: Alexa Fluor 647



Application Data

Staining of human peripheral blood platelets with Mouse anti Human CD31: Biotin



Application Data

Staining of human peripheral blood platelets with Mouse anti Human CD31: FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD31 antibody

Mouse anti Human CD31 monoclonal antibody, clone WM59 recognizes the human CD31 antigen, a ~130kD single pass type I transmembrane glycoprotein bearing six C2 immunoglobulin domains. CD31 is expressed by all continuous endothelia including arteries, veins and non-sinusoidal capillaries, platelets, granulocytes and some lymphocytes. CD31 is not expressed by discontinuous endothelia such as hepatic sinusoids and splenic red pulp (Muller et al. 1989). CD31 is also known as PECAM-1. The binding epitope for mouse anti human CD31, clone WM59 has been mapped to the Ig-like domain 2 (Fawcett et al. 1995).

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 ; A8K3S7 ; D3DU31
Molecular Weight	81,378 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-clone-wm59-flow-cytometry-elisa/49599>