

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

Anti-Mouse CD31 Monoclonal Antibody (APC Conjugated)

CATALOG # AAA174762	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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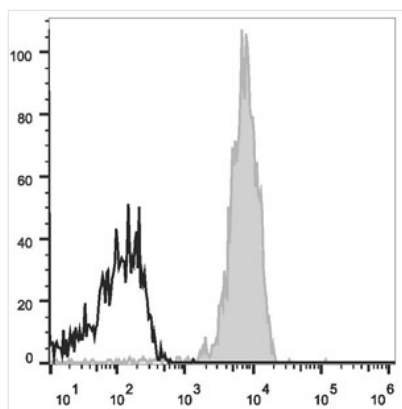
PRODUCT SYNONYMS

CD31; Monoclonal Antibody; Anti-Mouse CD31 Monoclonal Antibody (APC Conjugated); Pecam; Pecam-1; PECAM-1; anti-CD31 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	390
Form/Format	Liquid, PBS with 0.05% Proclin300, 1% BSA
Sequence Length	727
Applicable Applications for anti-CD31 antibody	FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at 2-8 degree C and protect from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD31 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

ADDITIONAL INFORMATION

Related Product Information for anti-CD31 antibody	Background/Introduction: CD31 is a 130-140 kD glycoprotein, also known as platelet endothelial cell adhesion molecule (PECAM-1) and EndoCAM. It is a member of the Ig superfamily, expressed on endothelial cells, platelets, granulocytes, monocytes/macrophages, dendritic cells, and T and B cell subsets, and is critical for cell-cell interactions. The primary ligands for CD31 have been reported to be CD38 and the vitronectin receptor (alpha v beta3 integrin, CD51/CD61). Other reported functions of CD31 are neutrophil emigration to sites of inflammation and angiogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	585658
NCBI GeneID	18613
UniProt Accession #	Q08481
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; Pecam; C85791; PECAM-1
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; Pecam-1; PECAM-1
UniProt Entry Name	PECA1_MOUSE

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://www.aaabiotech.com/monoclonal/cd31-antibody-clone-390-flow-cytometry-elisa/174762>