

Hamster CD31 Monoclonal Antibody | anti-CD31 antibody

HAMSTER ANTI MOUSE CD31:Preservative Free

CATALOG # AAA49015	HOST Hamster	APPLICATIONS Immunofluorescence, Functional Assay, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD31; Monoclonal Antibody; HAMSTER ANTI MOUSE CD31:Preservative Free; anti-CD31 antibody

PRODUCT SPECIFICATIONS

Host	Hamster
Clonality	Monoclonal
Isotype	IgG
Clone Number	2H8
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein G ascites
Form/Format	Preservative Free Purified IgG - liquid; Phosphate buffered saline!
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	697
Applicable Applications for anti-CD31 antibody	IF (Immunofluorescence), FA (Functional Assay), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	None present, Sterile filtered.
Immunogen	D10.G4.1 Cells
Target Species	Mouse
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Fusion Partners	Splenic lymphocytes from an immunized Armenian hamster were fused with cells from the SP2/0 murine myeloma
Preparation and Storage	Store at -20 degree C only. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-CD31 antibody	Hamster anti Mouse CD31 monoclonal antibody, clone 2H8 recognizes murine CD31, also known as Platelet endothelial cell adhesion molecule or PECAM-1. CD31 is a ~130kDa single pass type-1 membrane glycoprotein bearing six C2 Ig-like domains, expressed on all continuous endothelium including arteries, veins and non-sinusoidal capillaries. CD31 is also expressed on all haemopoietic lineages with the exception of the erythroid line (Bogen et al. 1992). Hamster anti mouse CD31, clone 2H8 effectively inhibits transmigration of activated polymorphonuclear cells and monocytes across the endothelium. In a mouse model for acute peritonitis clone 2H8 blocks acute inflammation (Bogen et al. 1994). CD31 has also been shown to be critically involved in the sensing of changes in shear stress associated with atherosclerotic lesions and in the associated atherogenesis (Stevens et al. 2008).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74024915
NCBI GeneID	18613
NCBI Accession #	NP_001027550.1
NCBI GenBank Nucleotide #	NM_001032378.2
UniProt Accession #	Q08481; Q3TES6; Q922E0; B1ARB1; B1ARB2
NCBI Official Full Name	platelet endothelial cell adhesion molecule isoform 2
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.

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-2h8-immunofluorescence-functional-assay-flow-cytometry-elisa/49015>