

Rabbit anti-Mouse CD31 Polyclonal Antibody | anti-PECAM1 antibody

Anti-CD31 Antibody, Rabbit Polyclonal

CATALOG # AAA257152	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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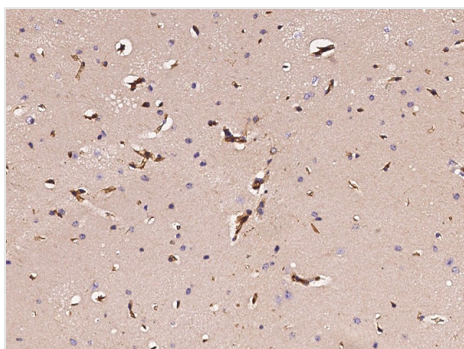
PRODUCT SYNONYMS

CD31; Polyclonal Antibody; Anti-CD31 Antibody; Rabbit Polyclonal; CD31/PECAM-1 Antibody; Rabbit PAb; Antigen Affinity Purified; platelet/endothelial cell adhesion molecule 1; Anti-C85791 Antibody; Anti-Cd31 Antibody; Anti-Pecam Antibody; Anti-PECAM-1 Antibody; anti-PECAM1 antibody

PRODUCT SPECIFICATIONS

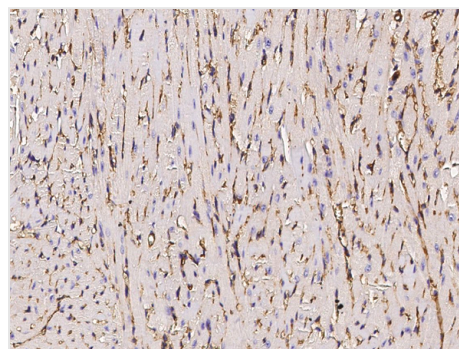
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CD31/PECAM-1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PECAM1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse CD31/PECAM-1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CD31/PECAM-1. CD31/PECAM-1 specific IgG was purified by Mouse CD31/PECAM-1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse PECAM1 in mouse brain with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of mouse PECAM1 in mouse heart with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-PECAM1 antibody	The Cluster of Differentiation 31 (CD31) adhesion molecule, also known as platelet-endothelial cell adhesion molecule-1 (PECAM-1), is the only known member of the CAM family on platelets. CD31 protein is a 130-kDa transmembrane glycoprotein expressed by endothelial cells, platelets, monocytes, neutrophils, and certain T cell subsets. CD31 protein is also expressed in certain tumors, including epithelioid hemangioendothelioma, other vascular tumors, and histiocytic malignancies. CD31 plays a key role in removing aged neutrophils and tissue regeneration. CD31 protein mediates the homotypic or heterotypic cell adhesion by binding to itself or the leukocyte integrin alphavbeta3, and thus plays a role in neutrophil recruitment in inflammatory responses, transendothelial migration of leukocytes, as well as in cardiovascular development.
Product Categories/Family for anti-PECAM1 antibody	Hemangioblast Markers ITIM/ITAM Immunoreceptors and Related Molecules
References	Deaglio S, et al. (2000) CD38/CD31, a receptor/ligand system ruling adhesion and signaling in human leukocytes. Chem Immunol. 75: 99-120.Kohler S, et al. (2009) Life after the thymus: CD31+ and CD31-human naive CD4+ T-cell subsets. Blood. 113(4): 769-74.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124487350
NCBI GeneID	12038
NCBI Accession #	NP_033868.3
NCBI GenBank Nucleotide #	NM_009738.3
UniProt Accession #	Q03311; Q543J3
Molecular Weight	68,462 Da
NCBI Official Full Name	cholinesterase
NCBI Official Synonym Full Names	butyrylcholinesterase
NCBI Official Symbol	Bche
NCBI Official Synonym Symbols	C730038G20Rik
NCBI Protein Information	cholinesterase
UniProt Protein Name	Cholinesterase
UniProt Gene Name	Bche
UniProt Entry Name	CHLE_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.