

CD31 rabbit pAb

Cat No.: ES1906

For research use only

Overview

Product Name CD31 rabbit pAb

Host species Rabbit

Applications WB;IHC;IF;ELISA **Species Cross-Reactivity** Human;Mouse

Recommended dilutions Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300

ELISA: 1/20000. IF 1:100-300 Not yet tested in other

applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human PECAM-1. AA

range:686-735

Specificity CD31 Polyclonal Antibody detects endogenous

levels of CD31 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Platelet endothelial cell adhesion molecule

Gene Name PECAM1

Cellular localization Cell membrane ; Single-pass type I membrane

protein . Cell surface expression on neutrophils is down-regulated upon fMLP or CXCL8/IL8-mediated stimulation. .; [Isoform Long]: Cell membrane; Single-pass type I membrane protein . Membrane

raft . Cell junct

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 85-130kD
Human Gene ID 5175
Human Swiss-Prot Number P16284

Alternative Names PECAM1; Platelet endothelial cell adhesion

molecule; PECAM-1; EndoCAM; GPIIA'; PECA1; CD



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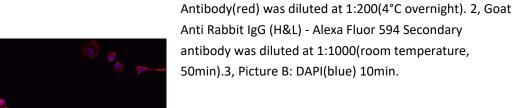


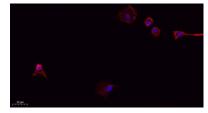
Background



The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. [provided by RefSeq, May 2010],

Immunofluorescence analysis of A549. 1, primary





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