

CD31 antibody

Catalog No: #38365

Package Size: #38365-1 50ul #38365-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	CD31 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous level of total CD31 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human CD31/PECAM1 (NP_000433.4).
Conjugates	Unconjugated
Target Name	CD31
Other Names	CD31;CD31/EndoCAM;PECA1;PECAM-1;endoCAM;PECAM1
Accession No.	Uniprot:P16284GeneID:5175
SDS-PAGE MW	130KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

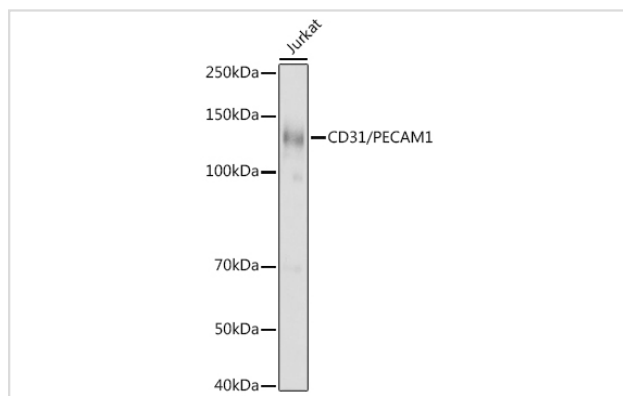
Application Details

WB□1:500 - 1:2000

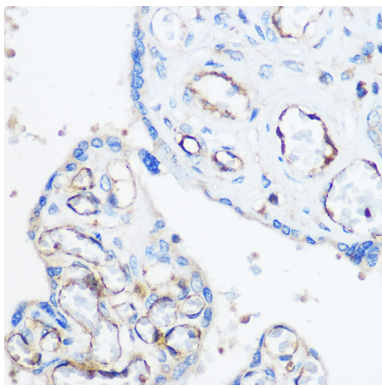
IHC□1:100 - 1:200

IF□1:50 - 1:200

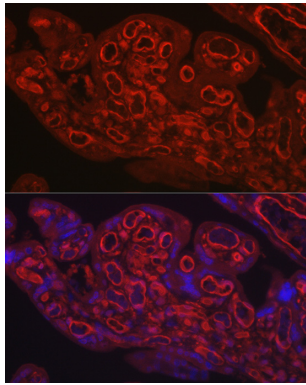
Images



Western blot analysis of extracts of Jurkat cells, using CD31/PECAM1 antibody.



Immunohistochemistry of paraffin-embedded Human placenta using CD31/PECAM1 Rabbit pAb.



Immunofluorescence analysis of human placenta using CD31/PECAM1 Rabbit pAb.

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.

Published Papers

el at., Photoacoustic molecular imaging-escorted adipose photodynamic-browning synergy for fighting obesity with virus-like complexes. In Nat Nanotechnol on 2021 Apr by Ronghe Chen, Shanshan Huang,et al..PMID:33526836, , (2021)

[PMID:33526836](#)

el at., Unraveling pathogenesis, biomarkers and potential therapeutic agents for endometriosis associated with disulfidptosis based on bioinformatics analysis, machine learning and experiment validation. In J Biol Eng on 2024 Jul 26 by Xiaoxuan Zhao, Yang Zhao,et al..PMID:39061076, , (2024)

[PMID:39061076](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.