

CD31 antibody

Catalog No: #38365

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

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

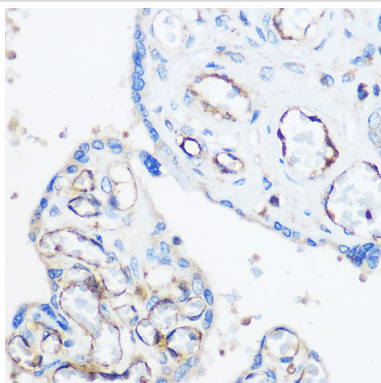
Description

Product Name	CD31 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
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.

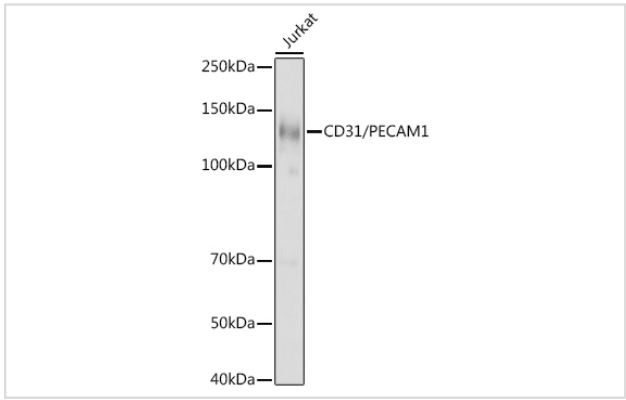
Application Details

WB□1:500 - 1:2000IHC□1:100 - 1:200IF□1:50 - 1:200

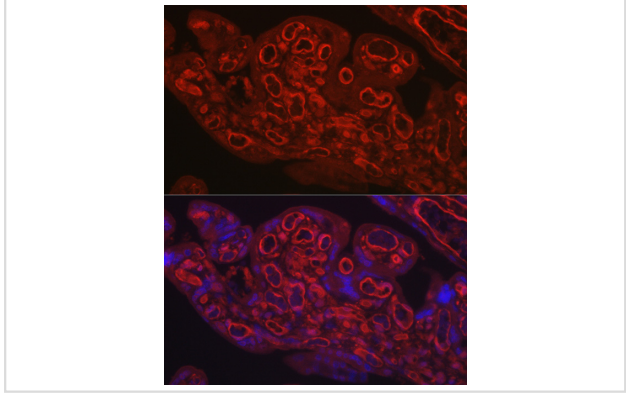
Images



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



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



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.