

CD31 Mouse Monoclonal Antibody

Catalog No: #29555



Package Size: #29555-1 50ul #29555-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

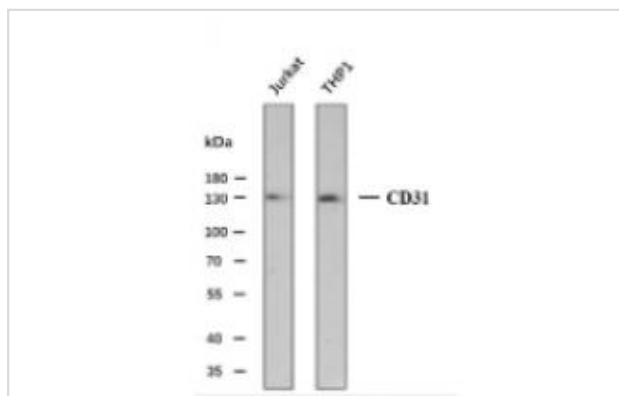
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|-----------------------|--|
| Product Name | CD31 Mouse Monoclonal Antibody |
| Host Species | Mouse |
| Clonality | Monoclonal |
| Applications | WB,IHC-p,IF |
| Species Reactivity | Human |
| Specificity | This antibody detects endogenous levels of human CD31. |
| Immunogen Description | Synthesized peptide derived from human CD31 around the non-phosphorylation site of Y713. |
| Conjugates | Unconjugated |
| Accession No. | Swiss_Prot:P16284Gene_ID:5175 |
| Concentration | 1mg/ml |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C/1 year |

Application Details

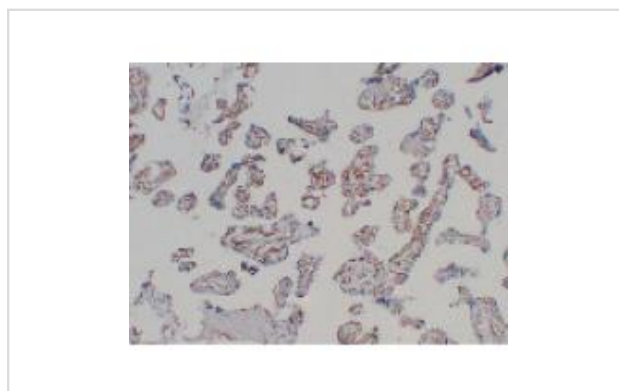
WB: 1:500-2000

IHC: 1:100-500

Images



Western blot analysis of CD31Antibody at 1:1000 dilution.



Immunohistochemical analysis of paraffin-embedded Placenta. 1, Antibody was diluted at 1:200(4° overnight). 2, Citric acid ,pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

Background

platelet and endothelial cell adhesion molecule 1(PECAM1) Homo sapiens 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., Single-cell analysis reveals the immune heterogeneity and interactions in lungs undergoing hepatic ischemia-reperfusionInInt ImmunopharmacolOn2023 NovbyChen Zhang1,Mingwei Sheng2, et al..PMID:37844464, , (2023)

[PMID:37844464](#)

el at., A Novel Airway-Organoid Model Based on a Nano-Self-Assembling Peptide: Construction and Application in Adenovirus Infection StudiesIn Int J NanomedicineOn2023 Sep 13byYun-E Xu , Di-Shu Ao et al..PMID:37727651, , (2023)

[PMID:37727651](#)

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