

# CD31 Mouse Monoclonal Antibody

Catalog No: #29555



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

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

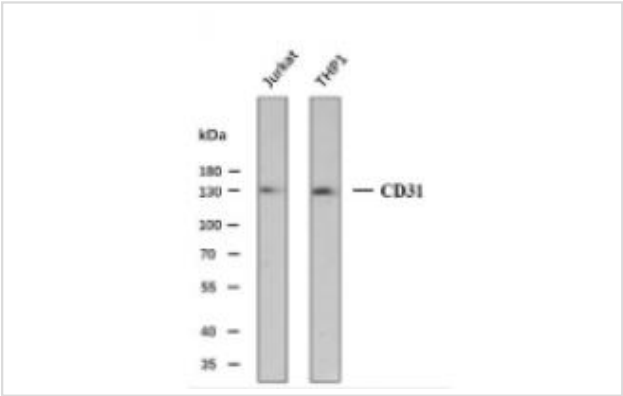
## Description

Product Name	CD31 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Applications	WB,IHC-p,IF
Species Reactivity	Hu
Specificity	This antibody detects endogenous levels of human CD31.
Immunogen Description	Synthesized peptide derived from human CD31 around the non-phosphorylation site of Y713.
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

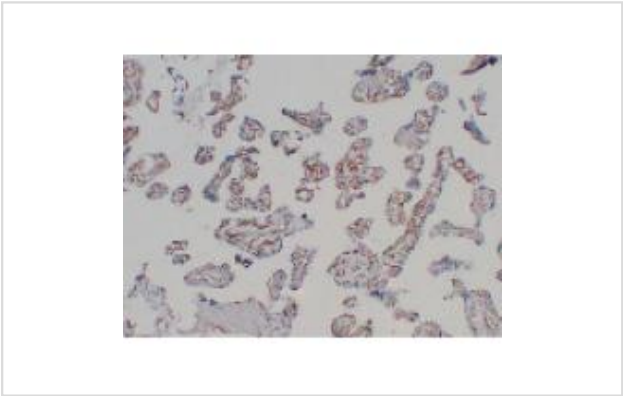
## Application Details

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-reperfusion In Int Immunopharmacol On 2023 Nov by Chen Zhang<sup>1</sup>, Mingwei Sheng<sup>2</sup>, 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 Studies In Int J Nanomedicine On 2023 Sep 13 by Yun-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.