
Product Name: CD31 (2D3) Mouse Monoclonal Antibody**Catalog #: AMM03503**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW: 83 kDa; Observed MW: 130 kDa

Antigen Information

Gene Name	PECAM1
Alternative Names	Platelet endothelial cell adhesion molecule; PECAM-1; EndoCAM; GPIIA'; PECA1; CD antigen CD31
Gene ID	5175
SwissProt ID	P16284
Immunogen	A synthetic peptide corresponding to target protein

Background

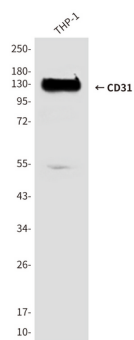
PECAM-1 a cell adhesion molecule expressed on platelets and at endothelial cell intercellular junctions. Plays a role in

modulation of integrin-mediated cell adhesion, transendothelial migration, angiogenesis, apoptosis, cell migration, negative regulation of immune cell signaling, autoimmunity, macrophage phagocytosis, IgE-mediated anaphylaxis and thrombosis. Undergoes alternative splicing, generating multiple isoforms in vascular beds of various tissues.

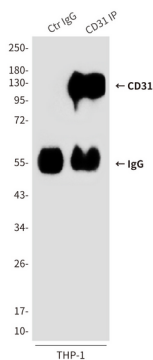
Research Area

Cardiovascular

Image Data



Western blot analysis of CD31 in THP-1 lysates using CD31 antibody.



Immunoprecipitation analysis of CD31 (2D3) in THP-1 lysates using CD31 antibody.