

Anti-CD31 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M013703

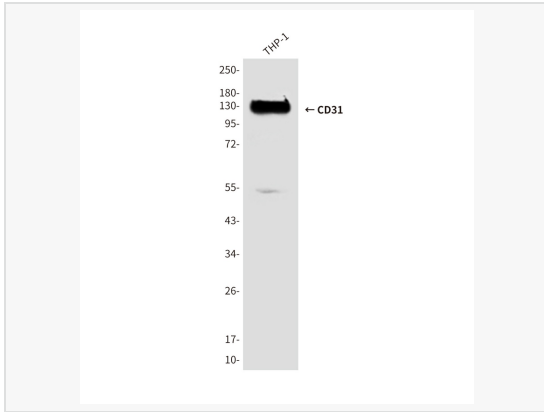
Product Information

Application	ELISA, WB, IP
Reactivity	Human
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Mouse
Clonality	Monoclonal
Clone No.	38K78M31
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant human CD31 protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CD31 antibody [38K78M31] is for research use only and not for use in diagnostic or therapeutic procedures.

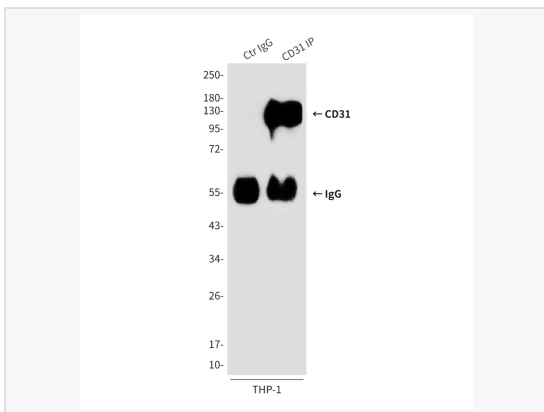
Protein Information

Synonyms	Platelet endothelial cell adhesion molecule, PECAM-1, EndoCAM, GPIIA', PECA1, CD antigen CD31.
Calculated MW	Calculated MW: 83 kDa; Observed MW: 130 kDa
Uniprot ID	P16284
Gene ID	5175
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.

Validation Images



Western blot analysis of CD31 in THP-1 lysates using CD31 antibody [38K78M31].



Immunoprecipitation analysis of CD31 in THP-1 lysates using CD31 antibody [38K78M31].