CD31 (5E2) Mouse mAb

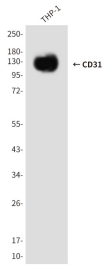
db6193 **Package : 50μL 100μL**

Product Name : CD31 (5E2) Mouse mAb
Cat.No.: db6193
Synonyms : Cd31;Pecam;C85791;PECAM-1
Application : WB, IHC-P
Reactivity : Human
Host species : Mouse

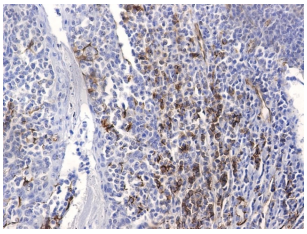
Background	PECAM-1 a cell adhesion molecule expressed on platelets and at endothelial cell intercellular junctions. Plays a role in modulation of integrin-mediated cell adhesion, transendothelial migration, angiogenesis, apoptosis, cell migration, negative regulation of immune cell signaling, autoimmunity, macrophage phagocytosis, IgE-mediated anaphylaxis and thrombosis. Undergoes alternative splicing, generating multiple isoforms in vascular beds of various tissues.
Immunogen	Purified recombinant human CD31 protein fragments expressed in E.coli
Gene ID	5175
Swiss Prot	P16284
Synonyms	Cd31;Pecam;C85791;PECAM-1
Reactivity	Human
Application	WB, IHC-P
Recommended dilution	WB: 1:500-1:1000 IHC: 1:50-1:100
Calculated MW	83 kDa
Observed MW	130 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	5E2-G4-G10
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated

Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



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



Immunohistochemistry analysis of paraffin-embedded Human tonsils using CD31/PECAM1 (5E2) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.