

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

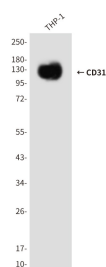
Conjugation

Un-conjugated

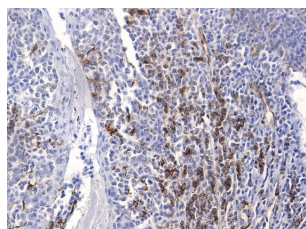
Storage Stability

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.