

## 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**

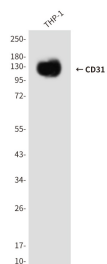
Affinity Purification

**Conjugation**

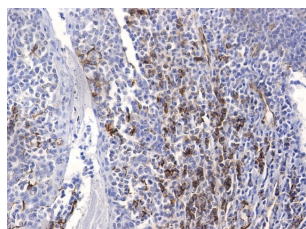
Un-conjugated

## 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.