

## CD31 (5E2) MOUSE MAB

**Cat.#:** N261435

**Product Name:** Anti-CD31 (5E2) Mouse Monoclonal Antibody

**Synonyms:** Platelet endothelial cell adhesion molecule; PECAM-1; EndoCAM; GPIIb/IIIa; PECA1; CD antigen CD31

**UNIPROT ID:** P16284

**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.

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 5E2-G4-G10

**MW:** Calculated MW: 83 kDa; Observed MW: 130 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human

**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cardiovascular

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing