

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 Mg²⁺ and Ca²⁺), 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