

CADHERIN 5 RABBIT MAB

Cat.#: N263064

Product Name: Anti-Cadherin 5 Rabbit Monoclonal Antibody

Synonyms: 7B4; Vec; VECD; Cdl44; VEcad; VE-Cad; AA408225

UNIPROT ID: P55284

Background: Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. Acts in concert with KRIT1 to establish and maintain correct endothelial cell polarity and vascular lumen. These effects are mediated by recruitment and activation of the Par polarity complex and RAPIB. Required for activation of PRKCZ and for localization of phosphorylated PRKCZ, PARD3, TIAMI and RAPIB to the cell junction.

Immunogen: Recombinant protein of mouse VE Cadherin

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R09-3F8

MW: Calculated MW: 88 kDa; Observed MW: 90-140 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Mouse

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: Signal Transduction

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



Western blot analysis of VE Cadherin in mouse lung lysates using Cadherin 5 antibody.