

CADHERIN 5 RABBIT PAB

Cat.#: N225099

Product Name: Anti-Cadherin 5 Rabbit pAb

Synonyms: CDH5; Cadherin-5; 7B4 antigen; Vascular endothelial cadherin; VE-cadherin; CD antigen CD144

UNIPROT ID: P33151

Background: This gene is a classical cadherin from the cadherin superfamily and is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Functioning as a classic cadherin by imparting to cells the ability to adhere in a homophilic manner, the protein may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. An alternative splice variant has been described but its full length sequence has not been determined.

Immunogen: The antiserum was produced against synthesized peptide derived from human CDH5. AA range:697-746

Applications: WB,IHC-P,ELISA

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 88 kDa; Observed MW: 120 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse

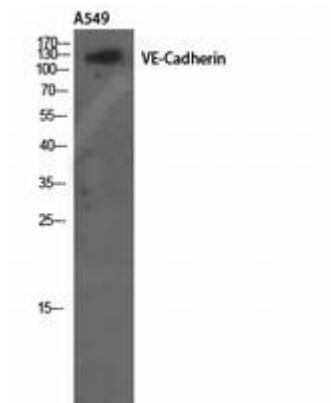
Conjugation: Unconjugated

Modification: Unmodified

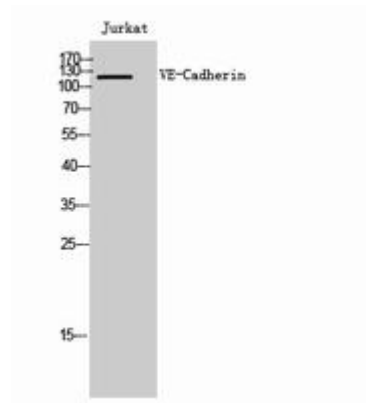
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

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



Western blot analysis of Cadherin 5 in A549 lysates using Cadherin 5 antibody.



Western blot analysis of Cadherin 5 in Jurkat lysates using Cadherin 5 antibody.