

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CDH5 RABBIT PAB

Cat.#: S213283

Product Name: Anti-CDH5 Rabbit Polyclonal Antibody

Synonyms: 7B4; CD144

UNIPROT ID: P33151 (Gene Accession - NP_001786)

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: Synthetic peptide of human CDH5

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-20000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

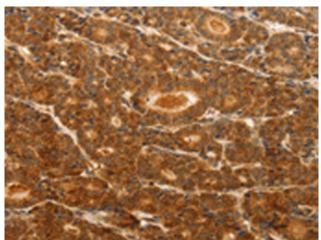
Research Areas: Signal Transduction, Cardiovascular

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

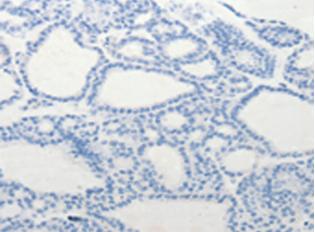


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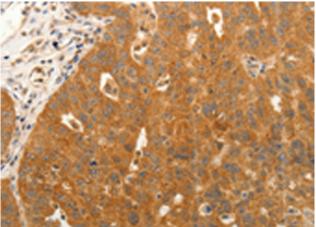
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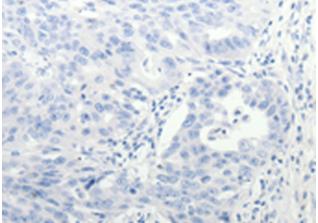
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 213283(CDH5 Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 213283(Anti-CDH5 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human ovarian cancer tissue using 213283(Anti-CDH5 Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D151115 (Anti-CDH5 Antibody) at dilution 1/30.