

CDH5 monoclonal antibody

Catalog: MB23492

Host: Mouse

Reactivity: Human,Rat

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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

87.5kDa

Swiss-Prot:

P33151

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 FC:1/200 - 1/400

Storage&Stability:

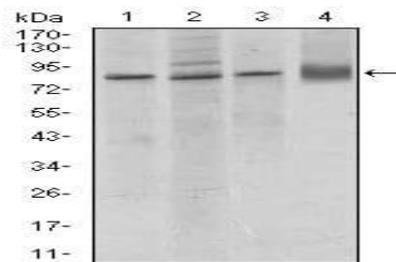
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

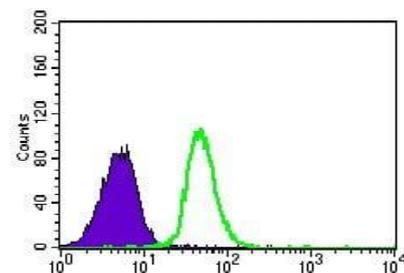
Isotype:

Mouse IgG1

DATA:



Western blot analysis using CDH5 mouse mAb against MCF-7 (1), A549 (2), HUVE-12 (3) cell lysate, and rat lung (4) tissue lysate.



Flow cytometric analysis of Jurkat cells using CDH5 mouse mAb (green) and negative control (purple).

Note:

For research use only, not for use in diagnostic procedure.

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