

CD144 Recombinant Rabbit mAb

Catalog: BS66239

Host: Rabbit

Reactivity: Mouse, Rat

BackGround:

The cadherins are a family of Ca²⁺-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins each contain a large extracellular domain at the amino-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short carboxy-terminal, intracellular domain interacts with a variety of cytoplasmic proteins, including β -catenin, to regulate cadherin function. VE-cadherin (for vascular endothelial cadherin, also designated cadherin-5) is localized at intercellular junctions of endothelial cells, where it is thought to play a role in the cohesion and organization of intercellular junctions.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 90-140 kDa

Swiss-Prot:

P55284

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB, 1:500 - 1:1000 | IHC, 1:50 - 1:200 | IF/ICC, 1:50 - 1:200 | IP, 1:10 - 1:50

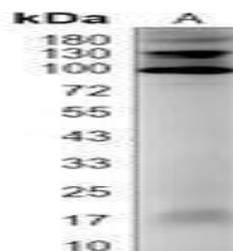
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

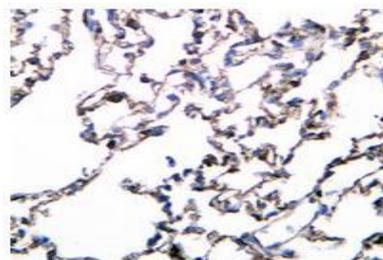
Specificity:

CD144 Recombinant Rabbit mAb detects endogenous levels of CD144 protein.

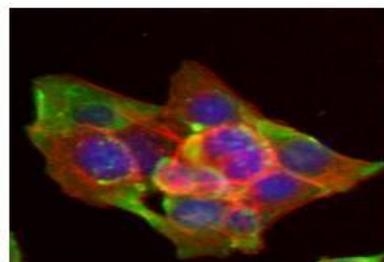
DATA:



Western blot analysis of CD144 expression in mouse lung (A) whole cell lysates.



Immunohistochemical analysis of CD144 staining in rat lung formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of CD144 staining in bEnd.3 cells.

Note:

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

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