

CD321 monoclonal antibody

Catalog: MB23088

Host: Mouse

Reactivity: Human

BackGround:

Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is an important regulator of tight junction assembly in epithelia. In addition, the encoded protein can act as (1) a receptor for reovirus, (2) a ligand for the integrin LFA1, involved in leukocyte transmigration, and (3) a platelet receptor. Multiple 5' alternatively spliced variants, encoding the same protein, have been identified but their biological validity has not been established.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

32.6kDa

Swiss-Prot:

Q9Y624

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:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

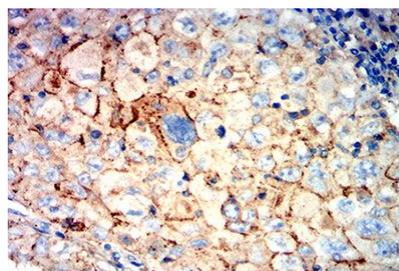
Storage&Stability:

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

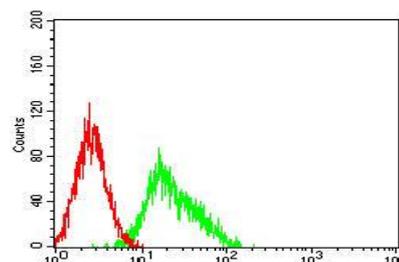
Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using CD321 mouse mAb with DAB staining.



Flow cytometric analysis of HT-29 cells using CD321 mouse mAb (green) and negative control (red).

Note:

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

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