

CD104 monoclonal antibody

Catalog: MB22458

Host: Mouse

Reactivity: Human

BackGround:

Integrins are heterodimers comprised of alpha and beta subunits, that are noncovalently associated transmembrane glycoprotein receptors. Different combinations of alpha and beta polypeptides form complexes that vary in their ligand-binding specificities. Integrins mediate cell-matrix or cell-cell adhesion, and transduced signals that regulate gene expression and cell growth. This gene encodes the integrin beta 4 subunit, a receptor for the laminins. This subunit tends to associate with alpha 6 subunit and is likely to play a pivotal role in the biology of invasive carcinoma. Mutations in this gene are associated with epidermolysis bullosa with pyloric atresia. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

202.2kDa

Swiss-Prot:

P16144

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

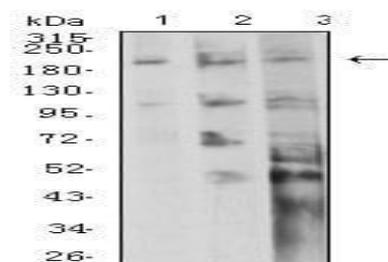
Storage&Stability:

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

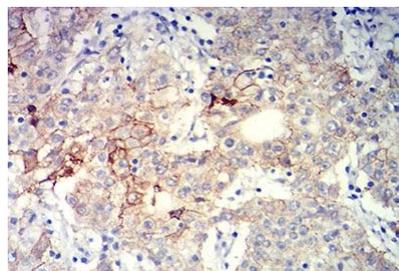
Isotype:

Mouse IgG2a

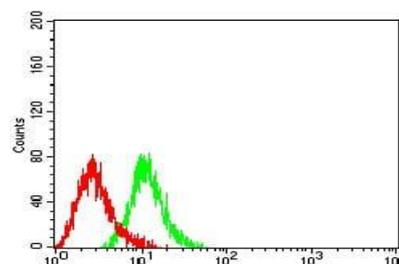
DATA:



Western blot analysis using CD104 mouse mAb against A549 (1), A431 (2), and SW620 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using CD104 mouse mAb with DAB staining.



Flow cytometric analysis of HL-60 cells using CD104 mouse mAb (green) and negative control (red).

Note:

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

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