

CD97 monoclonal antibody

Catalog: MB22630

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes a member of the EGF-TM7 sub-family of adhesion G protein-coupled receptors, which mediate cell-cell interactions. These proteins are cleaved by self-catalytic proteolysis into a large extracellular subunit and seven-span transmembrane subunit, which associate at the cell surface as a receptor complex. The encoded protein may play a role in cell adhesion as well as leukocyte recruitment, activation and migration, and contains multiple extracellular EGF-like repeats which mediate binding to chondroitin sulfate and the cell surface complement regulatory protein CD55. Expression of this gene may play a role in the progression of several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms with 3 to 5 EGF-like repeats have been observed for this gene. This gene is found in a cluster with other EGF-TM7 genes on the short arm of chromosome 19.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

91.8kDa

Swiss-Prot:

P48960

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

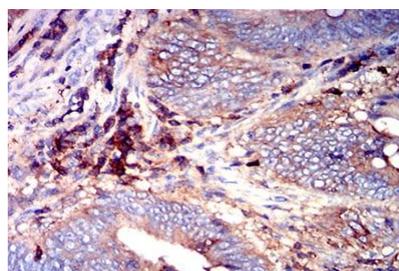
Storage&Stability:

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

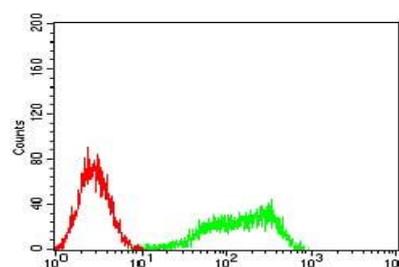
Isotype:

Mouse IgG2a

DATA:



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD97 mouse mAb with DAB staining.



Flow cytometric analysis of HL-60 cells using CD97 mouse mAb (green) and negative control (red).

Note:

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

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