GPC3 monoclonal antibody

Catalog: MB23013 Host: Mouse Reactivity: Human, Mouse

BackGround:

Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. The protein encoded by this gene can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

65.5kDa

Swiss-Prot:

P51654

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

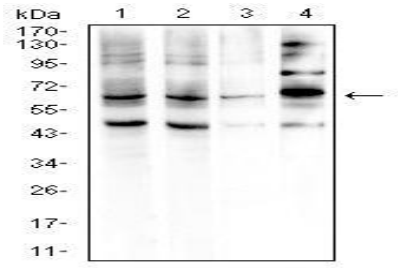
Storage&Stability:

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

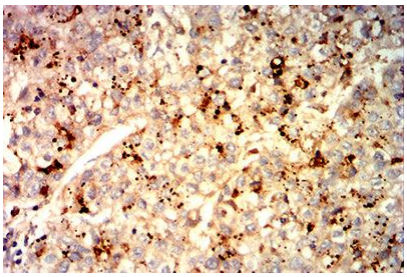
Isotype:

Mouse IgG1

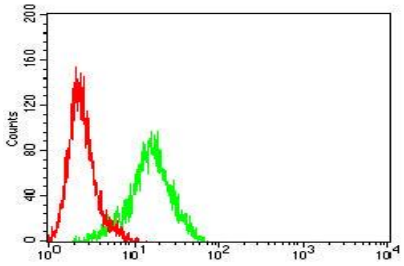
DATA:



Western blot analysis using GPC3 mouse mAb against HepG2 (1), BEL-7402 (2), SH-SY5Y (3), and F9 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using GPC3 mouse mAb with DAB staining.



Flow cytometric analysis of HepG2 cells using GPC3 mouse mAb (green) and negative control (red).

Note:

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

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