

## GPC3 monoclonal antibody

Catalog: MB22877

Host: Mouse

Reactivity: Human, Rat

### 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    FC:1/200 - 1/400

### Storage&Stability:

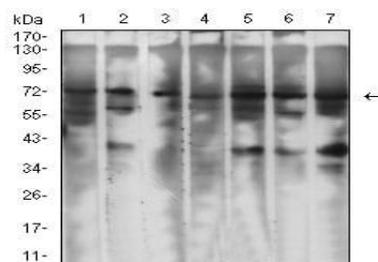
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

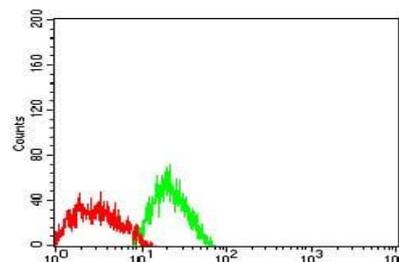
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using GPC3 mouse mAb against SW480 (1), HCT116 (2), SH-SY5Y (3), HepG2 (4), PC-12 (5), HEK293 (6), and Hela (7) cell lysate.



Flow cytometric analysis of SK-N-SH 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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