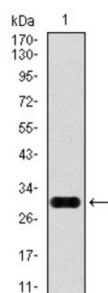
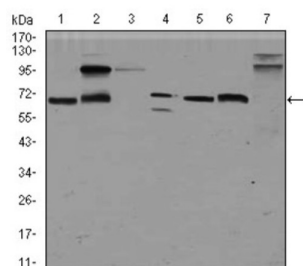


## Glypican 3 (GPC3) Antibody

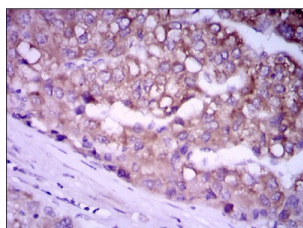
Catalogue No.: abx015875



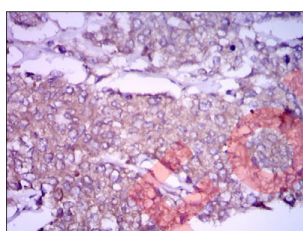
Western blot analysis using GPC3 antibody against human GPC3 recombinant protein (55-200 AA). Expected MW: 28.5 kDa.



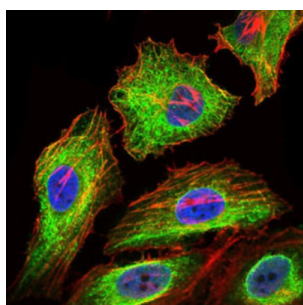
Western blot analysis using GPC3 antibody against HepG2 (1), HEK293 (2), Jurkat (3), SK-N-SH (4), PC-12 (5), F9 (6) and Mouse liver (7) cell lysate.



Immunohistochemical analysis of paraffin-embedded liver cancer tissues using GPC3 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded breast cancer tissues using GPC3 antibody with DAB staining.

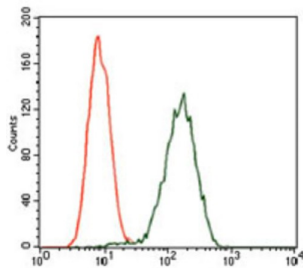


Immunofluorescence analysis of HeLa cells using GPC3 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555-phalloidin.

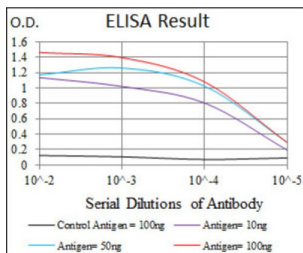
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Flow cytometric analysis of Jurkat cells using GPC3 antibody (green) and negative control (red).



ELISA analysis. Red: Control Antigen (100 ng); Purple: Antigen (10 ng); Green: Antigen (50 ng); Blue: Antigen (100 ng).

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.

**Target:** Glypican 3 (GPC3)

**Clonality:** Monoclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** ELISA, WB, IHC, IF/ICC, FCM

**Host:** Mouse

**Recommended dilutions:** ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Purified recombinant fragment of human GPC3 expressed in E. coli.

**Isotype:** IgG<sub>1</sub>

**Form:** Liquid

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**Purification:** Purified from ascites by Protein G chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**GeneID:** [2719](#)

**Molecular Weight:** 65.5 kDa

**Buffer:** PBS, containing 0.05% sodium azide.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only