

GPC3 monoclonal antibody, clone 1G12

Catalog # MAB10762

Size

Specification

Product Description Mouse monoclonal antibody raised against GPC3.

Immunogen GPC3.

Host Mouse

Form Liquid

Isotype IgG1

Quality Control Testing Positive control use as hepatocellular carcinoma (HCC).
Visualization at cytoplasmic.

Recommend Usage Immunohistochemistry (1:100-1:500)
The optimal working dilution should be determined by the end user.

Storage Buffer In Tris Buffer, pH 7.3-7.7 (1% BSA, 0.09% Sodium Azide).

Storage Instruction Store at 4°C. Do not freeze.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Gene Info — GPC3

Entrez GeneID [2719](#)

Gene Name GPC3

Gene Alias	DGSX, OCI-5, SDYS, SGB, SGBS, SGBS1
Gene Description	glypican 3
Omim ID	194070 300037 312870
Gene Ontology	Hyperlink
Gene Summary	<p>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 dysmorphism syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000024058 OTTHUMP00000062492 glypican proteoglycan 3