

Mouse anti-Human, Mouse GPC3 Monoclonal Antibody | anti-GPC3 antibody

Mouse Monoclonal Antibody to GPC3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268245	Mouse	Human, Mouse	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, ELISA

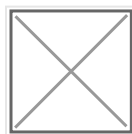
PRODUCT SYNONYMS

GPC3; Monoclonal Antibody; Mouse Monoclonal Antibody to GPC3; SGB; DGSX; MXR7; SDYS; SGBS; OCI-5; SGBS1; GTR2-2; anti-GPC3 antibody

PRODUCT SPECIFICATIONS

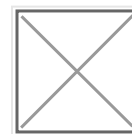
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9C2
Form/Format	Purified antibody in PBS with 0.05% sodium azide
Sequence Length	526
Applicable Applications for anti-GPC3 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA
Immunogen	Purified recombinant fragment of human GPC3 expressed in E.Coli

IMAGES



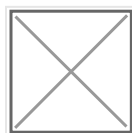
ELISA

Black line: Control Antigen (100ng); Purple line: Antigen (10ng); Blue line: Antigen (50ng); Red line: Antigen (100ng).



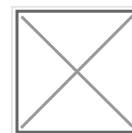
FCM/FACS (Flow Cytometry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-GPC3 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	257471010
NCBI GeneID	2719
NCBI Accession #	NP_001158091.1
NCBI GenBank Nucleotide #	NM_001164619.1
UniProt Accession #	P51654; Q2L880; Q2L882; C9JLE3; G3V1R0
Molecular Weight	65.5kDa
NCBI Official Full Name	glypican-3 isoform 4
NCBI Official Synonym Full Names	glypican 3
NCBI Official Symbol	GPC3
NCBI Official Synonym Symbols	SGB; DGSX; MXR7; SDYS; SGBS; OCI-5; SGBS1; GTR2-2
NCBI Protein Information	glypican-3
UniProt Protein Name	Glypican-3
UniProt Gene Name	GPC3
UniProt Synonym Gene Names	OCI5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gpc3-antibody-clone-9c2-western-blot-flow-cytometry-immunohistochemistry-immunocytochemistry-elisa/268245>