

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

Mouse anti-Homo sapiens (Human) GPC3 Monoclonal antibody

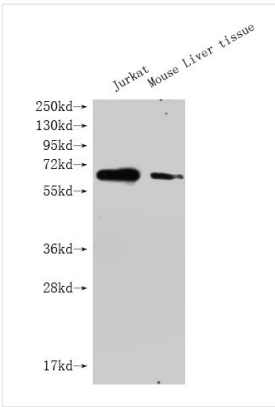
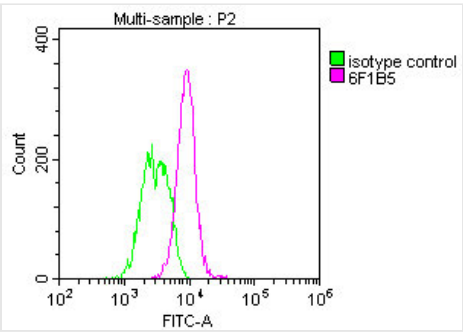
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279013	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

GPC3; Monoclonal Antibody; Mouse anti-Homo sapiens (Human) GPC3 Monoclonal antibody; GPC3 Monoclonal Antibody; DGSX; Glypican proteoglycan 3; Glypican-3 [Precursor]; Gpc3; GPC3_HUMAN; GTR2 2; GTR2-2; Heparan sulphate proteoglycan; Intestinal protein OCI 5; Intestinal protein OCI-5; MXR7; OCI 5; OCI-5; OCI5; SDYS; Secreted glypican-3; SGB; SGBS; SGBS1; anti-GPC3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	6F1B5
Purity/Purification	>95%, Protein A purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for anti-GPC3 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Glypican-3 protein (25-559AA)
Conjugation	Non-conjugated
Research Area	Neuroscience
Research Areas	Neuroscience, Cancer, Signal transduction, Stem cells
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing Jurkat cells stained with AAA279013 (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.

WB (Western Blot)
Western BlotPositive WB detected in: GPC3 antibody at 1:1000Lane 1: Jurkat whole cell lysateLane 2: Mouse liver tissueSecondaryGoat polyclonal to Mouse IgG at 1/20000 dilutionPredicted band size: 65-70KDaObserved band size: 65-70 KDaExposure time: 5min

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
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; secreted glypican-3; glypican proteoglycan 3; intestinal protein OCI-5; heparan sulphate proteoglycan
UniProt Protein Name	Glypican-3
UniProt Gene Name	GPC3
UniProt Synonym Gene Names	OCI5
UniProt Entry Name	GPC3_HUMAN

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.