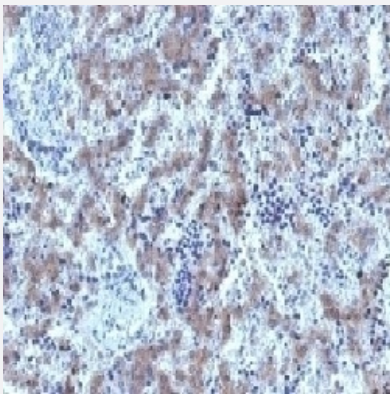


RecomAb™

GPC3 recombinant monoclonal antibody, clone GPC3/1534R

Catalog # RAB03817 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human fetal liver tissue with anti-Glypican-3 recombinant monoclonal antibody, clone GPC3/1534R (Cat # RAB03817).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against a partial human Glypican-3 protein.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to a partial human Glypican-3 protein
Reactivity	Human
Form	Liquid
Conjugation	Unconjugated
Purification	Protein A affinity chromatography
Concentration	0.2 mg/mL
Isotype	IgG

Recommend Usage	Flow cytometry (0.5-1ug/10e6 cells in 0.1mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(0.5-1 ug/mL for 30 min at RT) The optimal working dilution should be determined by the end user.
------------------------	--

Storage Buffer	In PBS, 0.1 mg/ml BSA, 0.05% sodium azide
-----------------------	---

Storage Instruction	Store at 2~8°C. Aliquot to avoid repeated freezing and thawing.
----------------------------	--

Note	Optimal dilutions for each application to be determined by the researcher
-------------	---

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human fetal liver tissue with anti-Glypican-3 recombinant monoclonal antibody, clone GPC3/1534R (Cat # RAB03817).

- Immunofluorescence

- Flow Cytometry

Gene Info — GPC3

Entrez GeneID	2719
Protein Accession#	P51654
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

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. [provided by RefSeq]

Other Designations

OTTHUMP00000024058|OTTHUMP00000062492|glypican proteoglycan 3