
Product Name: Glypican-3 Mouse Monoclonal Antibody**Catalog #: AMM22190**

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio	IHC 1:50-200;ELISA 1:500-5000
Molecular Weight	Calculated MW:66kDa,Observed MW:58kDa

Antigen Information

Gene Name	GPC3 OCI5
Alternative Names	Glypican-3;GTR2-2;Intestinal protein OCI-5;MXR7;[Cleaved into: Secreted glypican-3]
Gene ID	Human:2719
SwissProt ID	Human:P51654
Immunogen	Synthesized peptide derived from human Glypican-3(GPC3) AA range: 400-500

Background

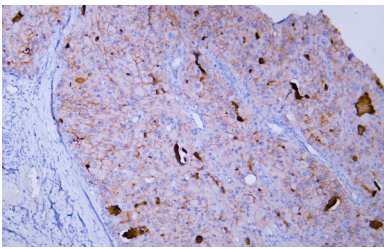
Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl 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, Sep 2009],

Research Area

Pathology

Image Data



Human hepatocellular carcinoma tissue was stained with Anti-Glypican-3 Antibody