

---

**Product Name: Glypican-3 Mouse Monoclonal Antibody****Catalog #: AMM22155**

For research use only.

**Summary**

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

**Application**

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

**Antigen Information**

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

**Background**

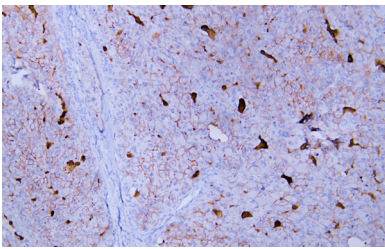
Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl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