

**PRODUCT INFORMATION**

<b>Clone ID</b>	163D11
<b>Target</b>	GPC3
<b>Synonyms</b>	DGSX;GTR2-2;MXR7;OCI-5;SDYS;SGB;SGBS;SGBS1
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-GPC3 antibody(163D11), IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P51654
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	IHC
<b>Recommended Dilutions</b>	IHC 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	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-Behme1 syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009] References [1] Fu Ying,Urban Daniel J,Nani Roger R et al. Glypican-3-Specific Antibody Drug Conjugates Targeting Hepatocellular Carcinoma.[J] .Hepatology, 2019, 70: 563-576. Zhang Yi-Fan,Ho Mitchell,Humanization of high-affinity antibodies targeting glypican-3 in hepatocellular carcinoma.[J] .Sci Rep, 2016, 6: 33878.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



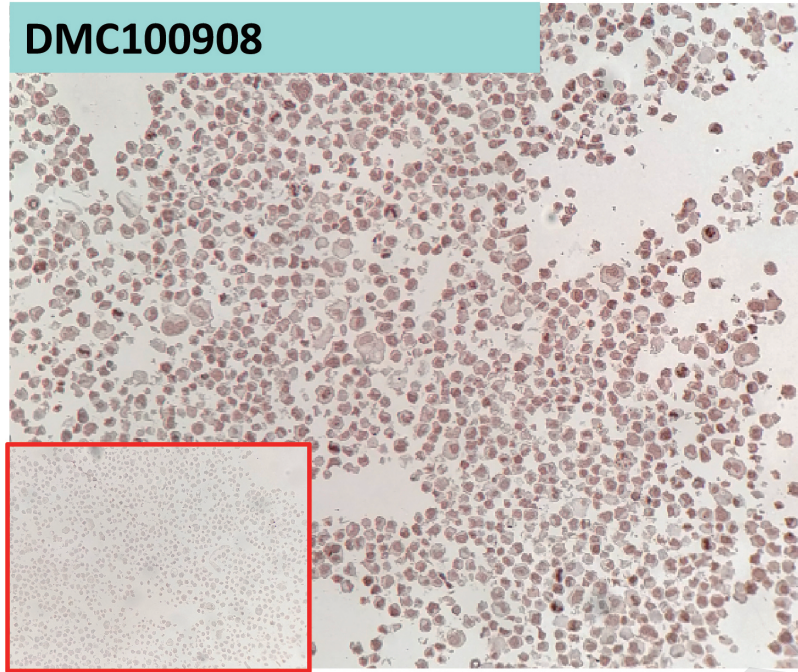


Figure 1. DMC100908 at 10 $\mu$ g/ml staining GPC3 in HuH7 cells by IHC (SKU# DMC100908).

