

## PRODUCT INFORMATION

<b>Clone ID</b>	DMC371
<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>	Biotinylated Anti-GPC3 antibody(DMC371); IgG1 Chimeric mAb
<b>Delivery</b>	2-3 weeks
<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>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 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 (GRIP5) 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] 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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Biotinylated

