

PRODUCT INFORMATION

Clone ID DMC371 **Target** GPC3

DGSX; GTR2-2; MXR7; OCI-5; SDYS; SGB; SGBS; **Synonyms**

SGBS1

Host Species Rabbit

Description Anti-GPC3 antibody(DMC371); IgG1 Chimeric mAb

Delivery In Stock **Uniprot ID** P51654

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Storage & Shipping

Background

Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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.

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] References 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.

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Usage Research use only Conjugate Unconjugated

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DIMA Disclaimer

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

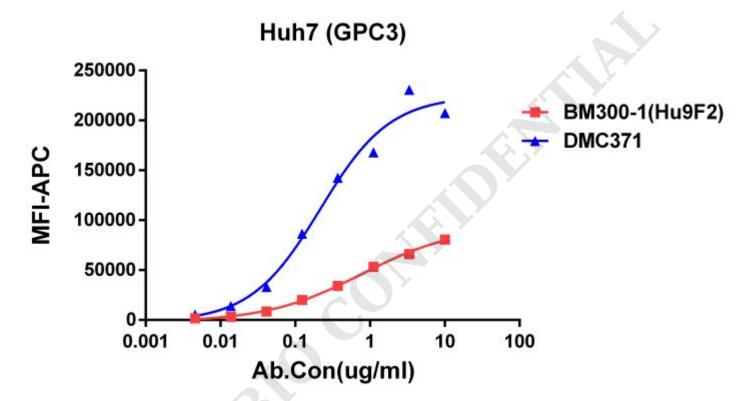


Figure 1. Flow cytometry data of serially titrated anti-GPC3 monoclonal antibody (DMC371) on Huh7 cell line.

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