

## GPC3 (DMC371) IGG1 CHIMERIC MAB

**Cat.#:** 28204

**Product Name:** Anti-GPC3(DMC371) IgG1 Chimeric Monoclonal Antibody

**Synonyms:** DGSX; GTR2-2; MXR7; OCI-5; SDYS; SGB; SGBS; SGBS1

**Description:** Anti-GPC3 antibody(DMC371) IgG1 Chimeric Monoclonal Antibody

**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] 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.

**Applications:** Flow Cyt

**Recommended Dilutions:** Flow Cyt 1:100

**Host Species:** Rabbit

**Isotype:** Rabbit:Human Fc chimeric IgG1

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

**Species Reactivity:** Human GPC3

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** 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).

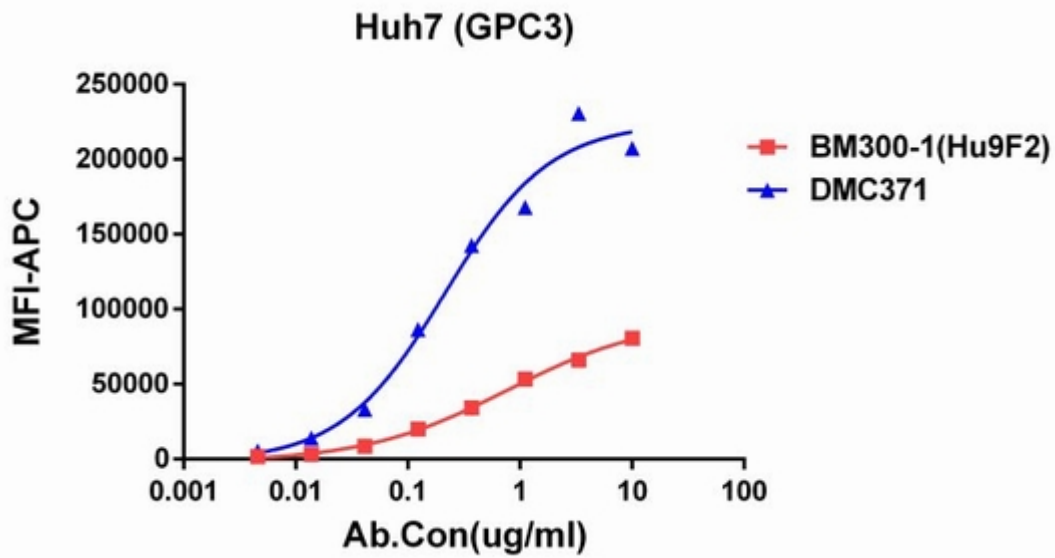


Figure 1. Flow cytometry data of serially titrated anti-GPC3 monoclonal antibody (DMC371) on Huh7 cell line.