Cat. No. DMC101004



## **PRODUCT INFORMATION**

Clone ID 1B8 GPC1 **Target** 

**Synonyms** Glypican 1;PC1

**Host Species** Rabbit

Description Anti-GPC1 antibody(1B8); IgG1 Chimeric mAb

**Delivery** In Stock **Uniprot ID** P35052

IgG type Rabbit/Human Fc chimeric IgG1

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended **Dilutions** 

Storage & Shipping

Flow Cyt 1/100

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

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & 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) **Background** 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. [provided by RefSeq, Jul 2008]

Usage Research use only







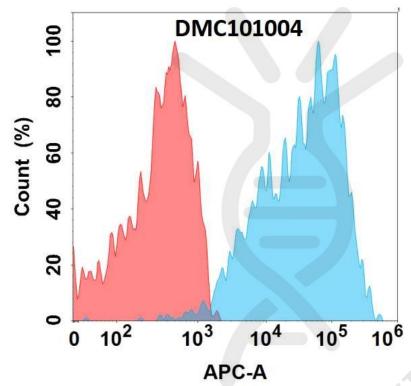
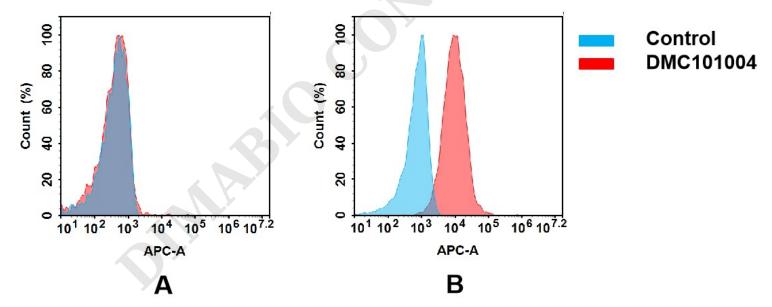


Figure 1. Flow cytometry analysis with Anti-GPC1 (1B8) mAb on Expi293 cells transfected with human GPC1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



Figure~2.~Flow~cytometry~analysis~of~antigen~binding~of~anti-human~GPC1~mAb(DMC101004).

(A) DMC101004 does not bind to Jurkat cells that do not express GPC1. (B) A clear peak shift of DMC101004 was seen compared to the control when incubated with GPC1-expressing 8226 cells, indicating strong binding of DMC101004 to GPC1. Antibodies were incubated at 10  $\mu$ g/mL.

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