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

Cat. No. DMC101004

## PRODUCT INFORMATION

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|---|---|
| **Clone ID** | **Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806**<br>1B8 |
| **Target** | GPC1 |
| **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** | Flow Cyt 1/100 |
| **Purification** | Purified from cell culture supernatant by affinity chromatography |
| **Formulation & Reconstitution** | 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. |
| **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). Lyophilized proteins are shipped at ambient temperature. |
| **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. [provided by RefSeq, Jul 2008] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |
| **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 scr |

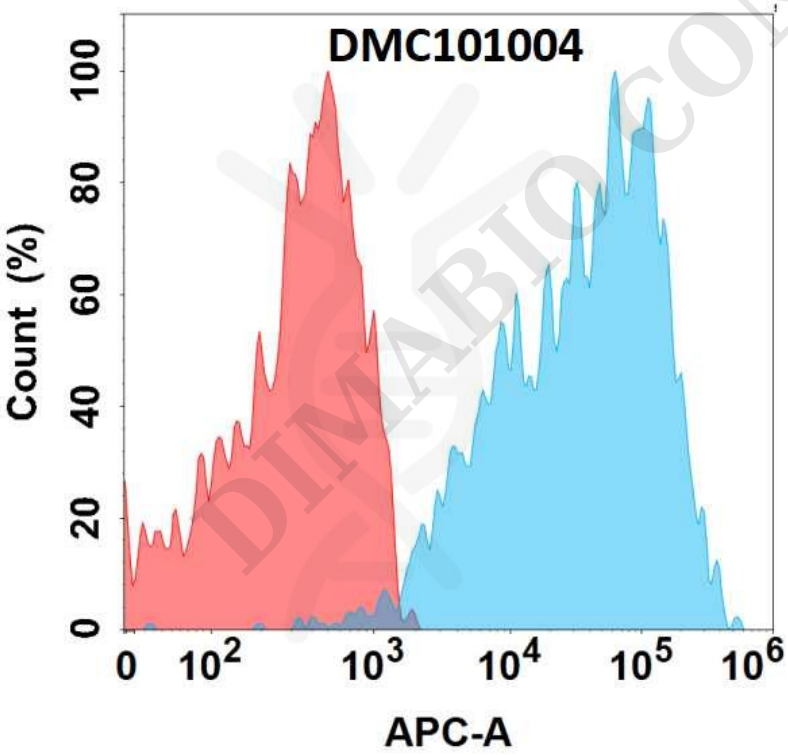



Figure 1. Flow cytometry analysis with Anti-GPC1 (1B8) mAb on HEK293 cells transfected with human GPC1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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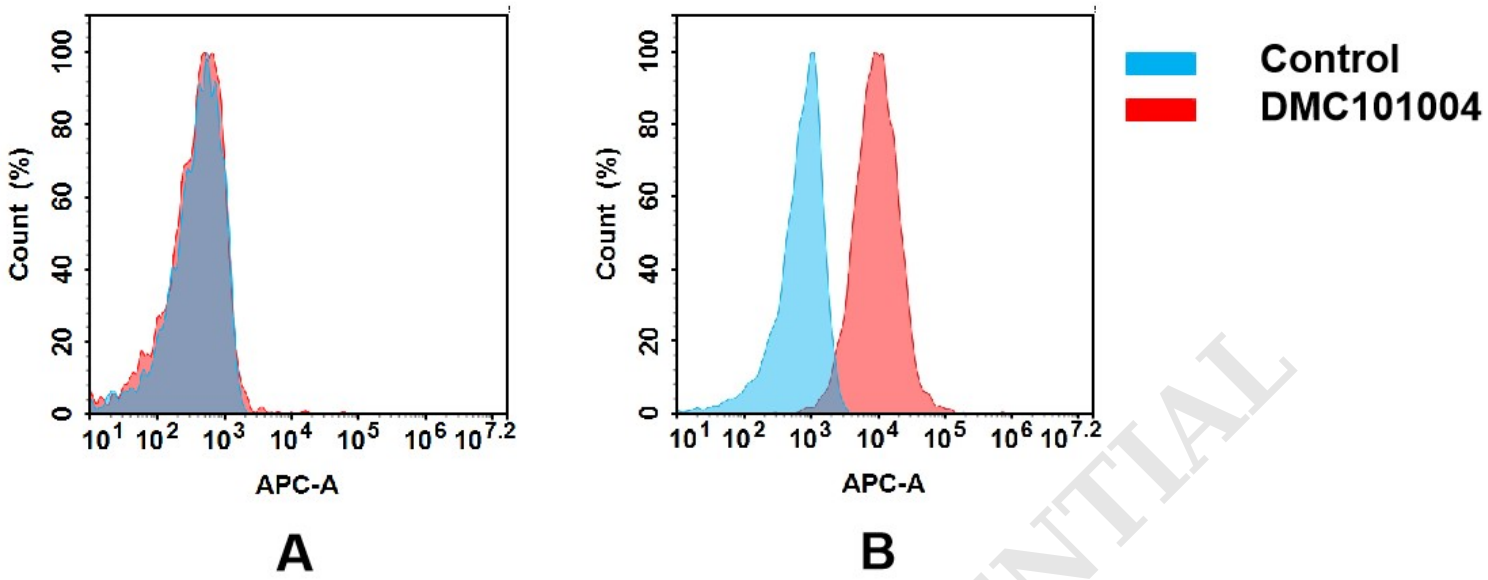



Figure 2. Flow cytometry analysis of antigen binding of anti-human GPC1 mAb(DMC101004).

(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 μg/mL.

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