

PRODUCT INFORMATION

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| Common Name | 5F9,MLN2045 |
| Conjugate | Unconjugated |
| Synonyms | DIAR6;GC-C;GUC2C;MECIL;MUCIL;STAR |
| Applications | ELISA; Flow Cyt |
| Recommended Dilutions | ELISA 1:5000-10000; Flow Cyt 1:100 |
| 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. |
| Host Species | Homo sapiens |
| IgG type | IgG1 |
| Reactivity | Human |
| Target | GUCY2C |
| Uniprot ID | P25092 |
| Description | Anti-GUCY2C(indusatumab biosimilar) mAb |
| Delivery | In Stock |
| 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 | Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals. |
| Usage | Research use only |
| 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. |



Anti-GUCY2C (indusatumab biosimilar) mAb ELISA

0.1 μg of Human GUCY2C, His tagged protein per well

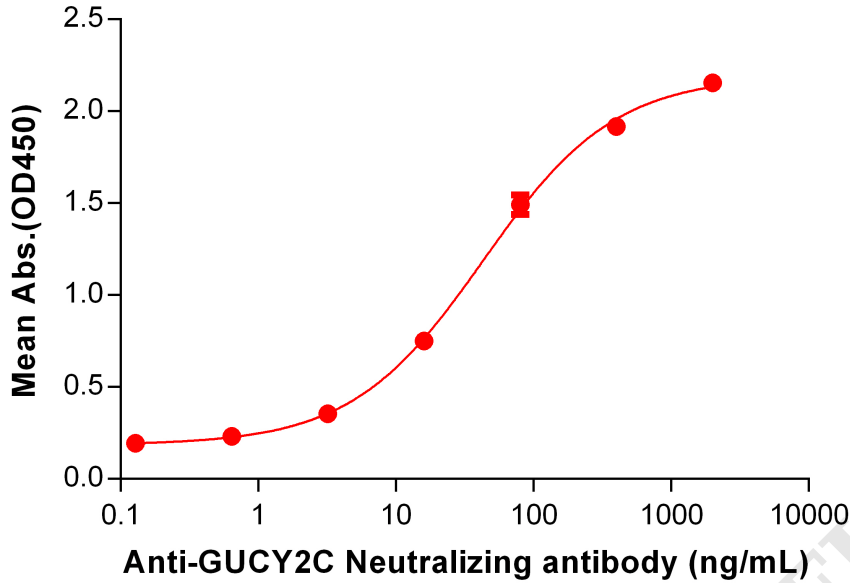


Figure 1. ELISA plate pre-coated by 1 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human GUCY2C protein, His Tag PME100262 can bind Anti-GUCY2C Neutralizing antibody (BME100067) in a linear range of 3.2-400 ng/mL.

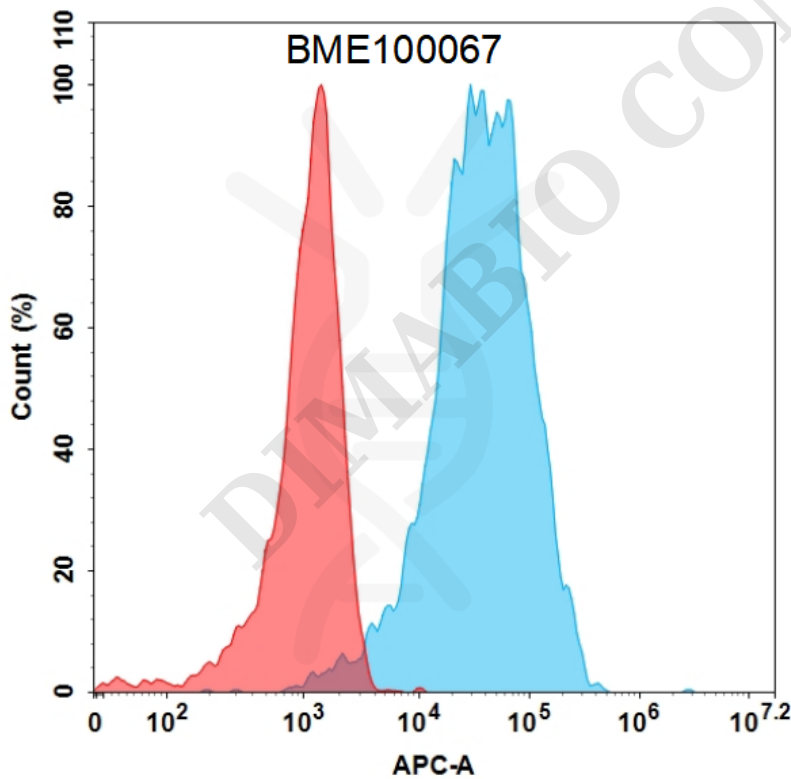


Figure 2. Flow cytometry analysis with Anti-GUCY2C(indusatumab biosimilar) mAb 1 $\mu\text{g}/\text{mL}$ on Expi293 cells transfected with Human GUCY2C (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



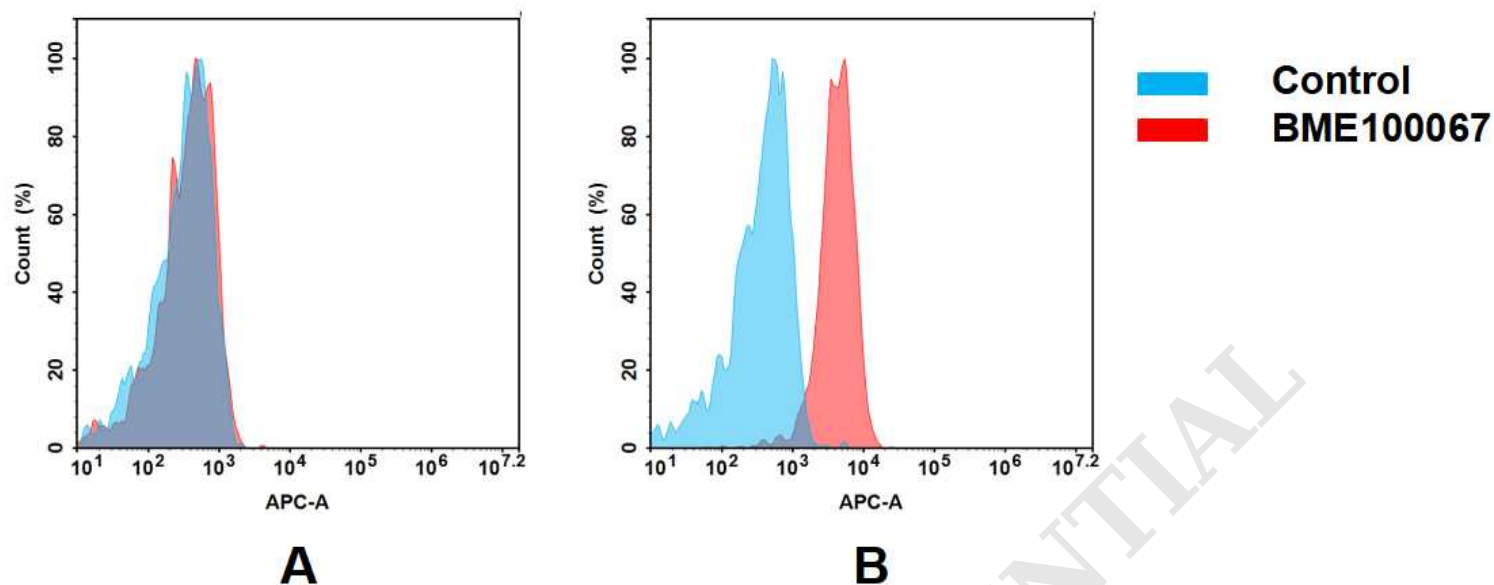


Figure 3. Flow cytometry analysis of antigen binding of anti-human GUCY2C mAb(BME100067).

(A) BME100067 does not bind to 293T cells that do not express GUCY2C.

(B) A clear peak shift of BME100067 was seen compared to the control when incubated with GUCY2C-expressing HT55 cells, indicating strong binding of BME100067 to GUCY2C. Antibodies were incubated at 2 µg/mL.

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