

**PRODUCT INFORMATION**

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



## Anti-GUCY2C (indusatumab biosimilar) mAb ELISA

0.1  $\mu\text{g}$  of Human GUCY2C, His tagged protein per well

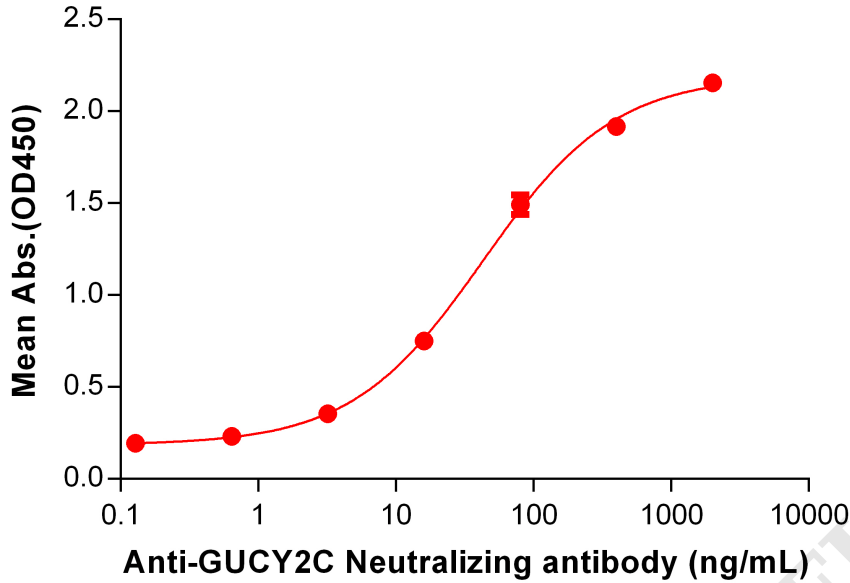


Figure 1. ELISA plate pre-coated by 1  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human GUCY2C protein, His Tag PME100262 can bind Anti-GUCY2C Neutralizing antibody (BME100067) in a linear range of 3.2-400 ng/mL.

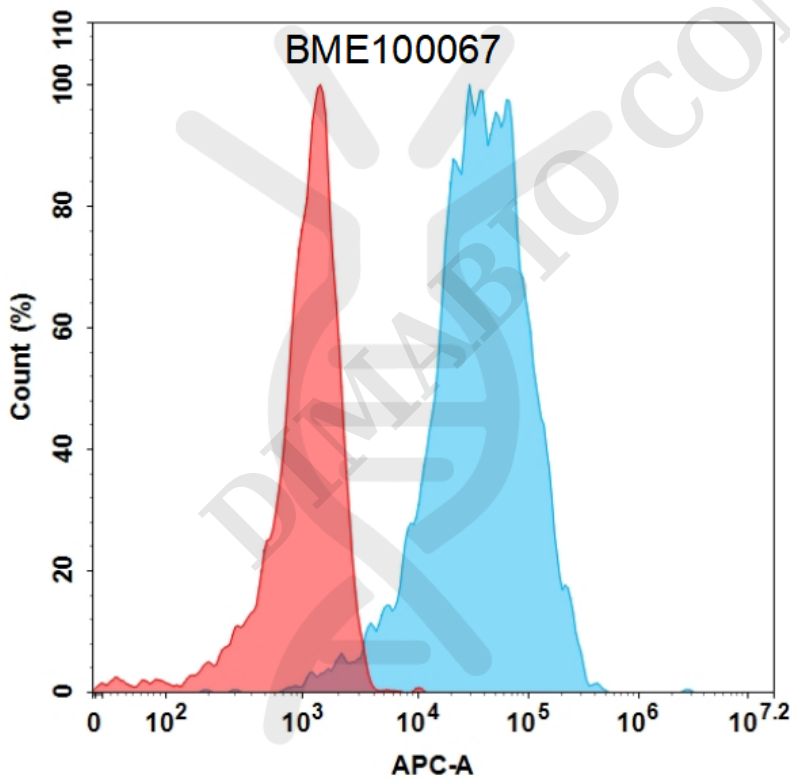


Figure 2. Flow cytometry analysis with Anti-GUCY2C(indusatumab biosimilar) mAb 1  $\mu\text{g}/\text{mL}$  on Expi293 cells transfected with Human GUCY2C (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



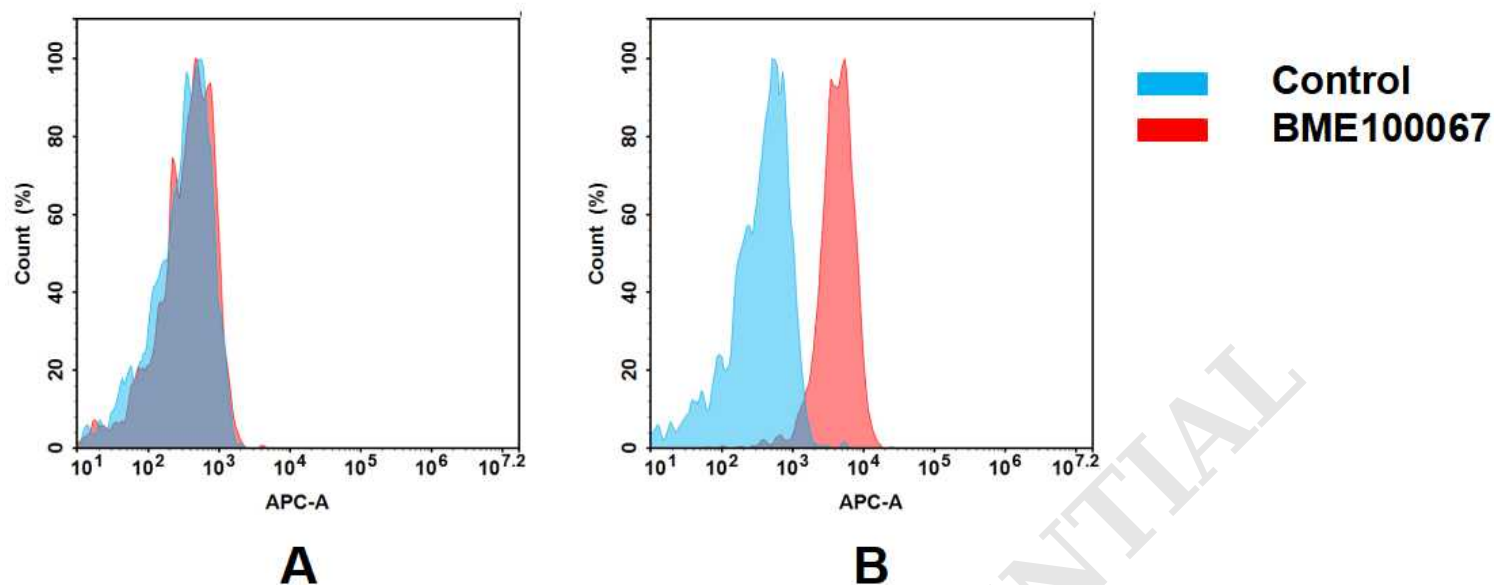


Figure 3. Flow cytometry analysis of antigen binding of anti-human GUCY2C mAb(BME100067).

(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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