PRODUCT INFORMATION

Common Name	5F9,MLN2045
Conjugate	Unconjugated
Synonyms	DIAR6;GC-C;GUC2C;MECIL;MUCIL;STAR
Applications	ELISA; Flow Cyt
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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	Human IgG1 – kappa
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only

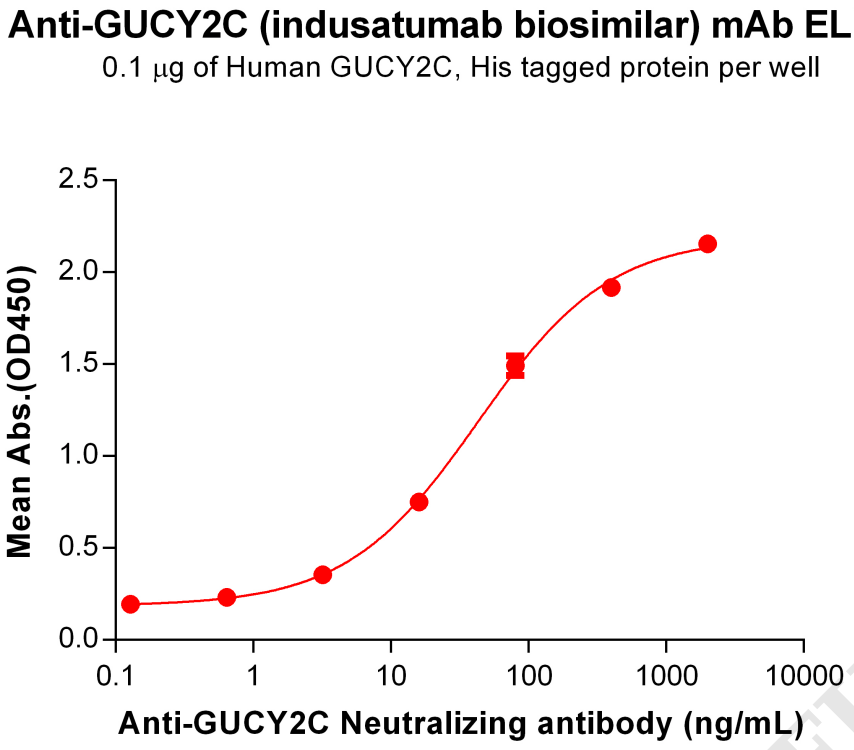

Figure 1. ELISA plate pre-coated by 1 μg/mL (100 μL/well) Human GUCY2C protein, His Tag PME100262 can bind Anti-GUCY2C Neutralizing antibody (BME100067) in a linear range of 3.2-400 ng/mL.

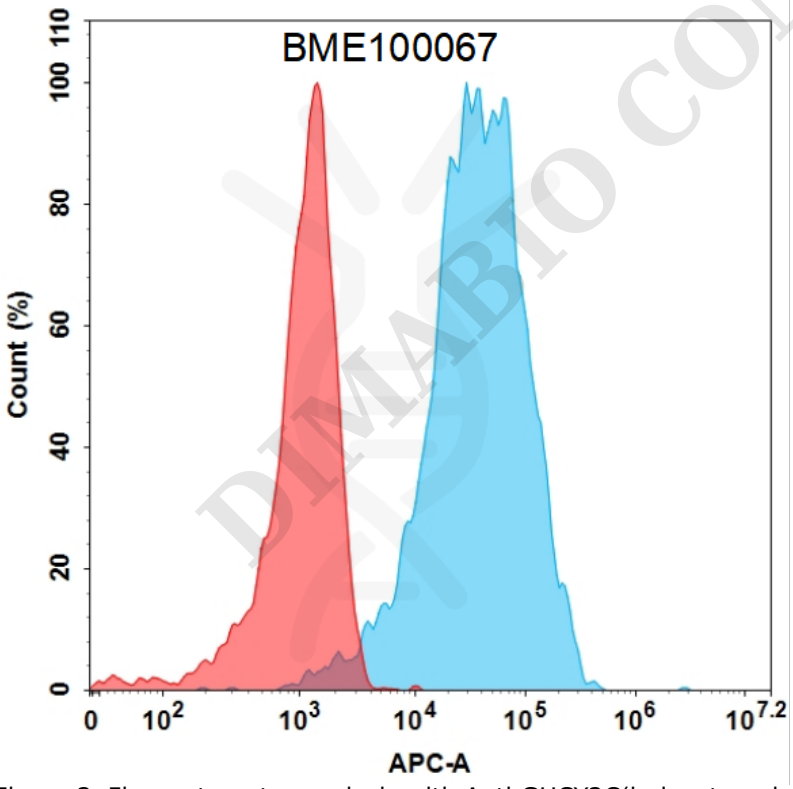

Figure 2. Flow cytometry analysis with Anti-GUCY2C(indusatumab biosimilar) mAb 1 μg/mL on HEK293 cells transfected with Human GUCY2C (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

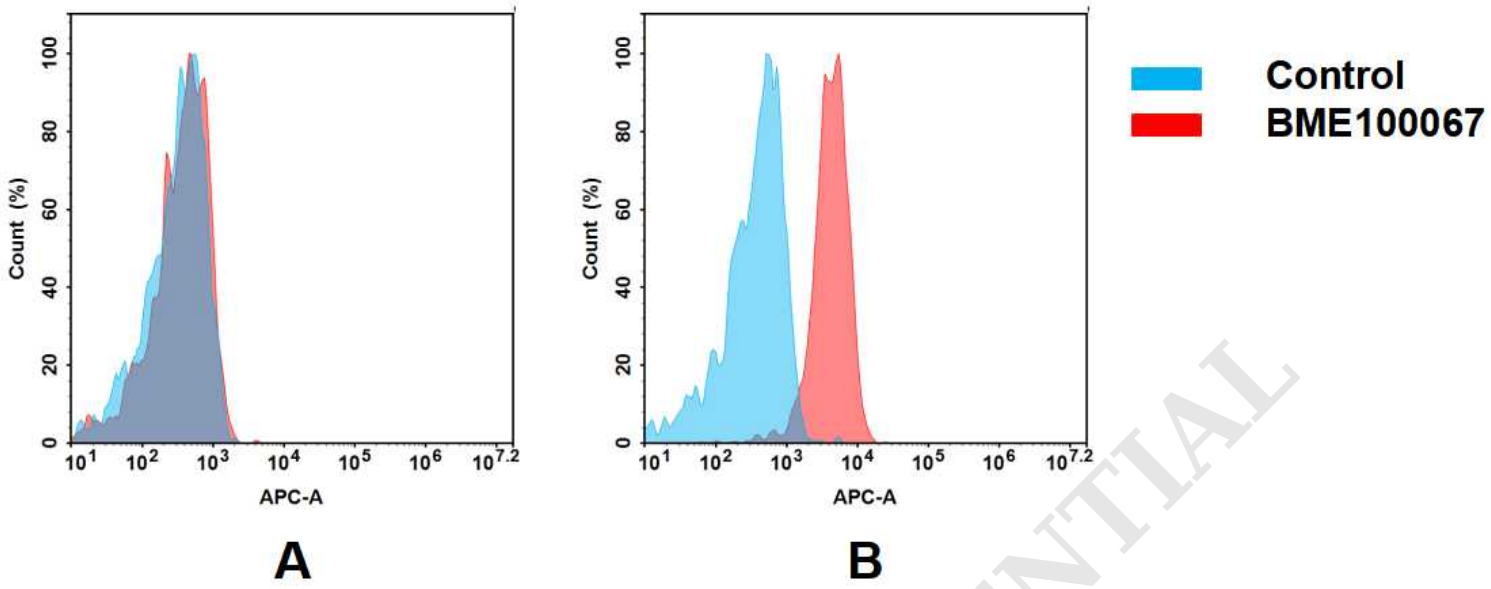

Figure 3. Flow cytometry analysis of antigen binding of anti-human GUCY2C mAb(BME100067).
(A) BME100067 does not bind to 293T cells that do not express GUCY2C.
(B) A clear peak shift of BME100067 was seen compared to the control when incubated with GUCY2C-expressing HT55 cells, indicating strong binding of BME100067 to GUCY2C. Antibodies were incubated at 2 μg/mL.