

**PRODUCT INFORMATION**

<b>Common Name</b>	Innovative Cellular Therapeutics
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	DIAR6, GC-C, GUC2C, MECIL, MUCIL, STAR
<b>Applications</b>	ELISA, Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<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.
<b>Host Species</b>	Humanized
<b>IgG type</b>	Human IgG1 - kappa
<b>Reactivity</b>	Human
<b>Target</b>	GUCY2C
<b>Uniprot ID</b>	P25092
<b>Description</b>	Anti-GUCY2C (ICTCAR-CRC) 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 antibodies are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



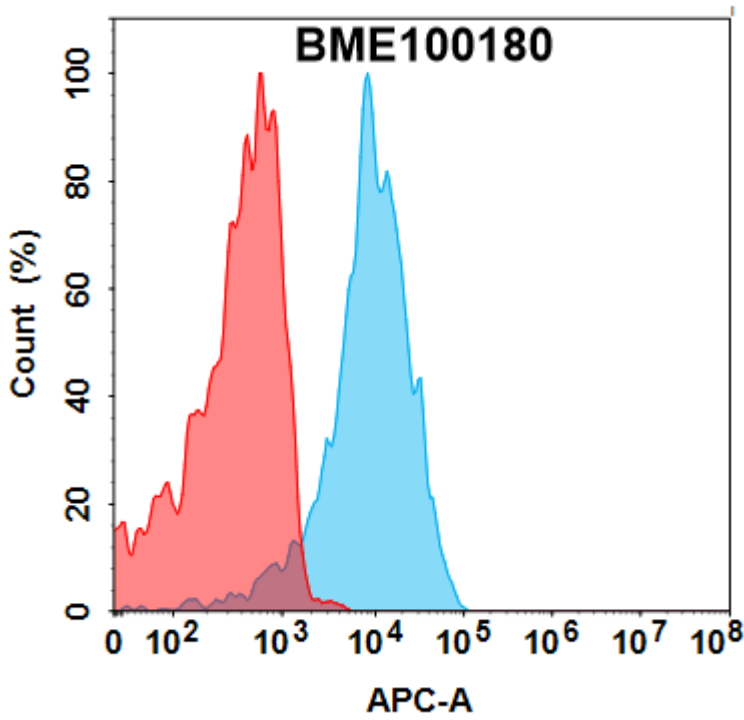


Figure 1. Flow cytometry analysis with 1µg/mL Anti-GUCY2C (ICTCAR-CRC) mAb (BME100180) on HEK293 cells transfected with Human GUCY2C protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

**Anti-GUCY2C(ICTCAR-CRC) mAb ELISA**

0.2 µg of Human GUCY2C, His tagged protein per well

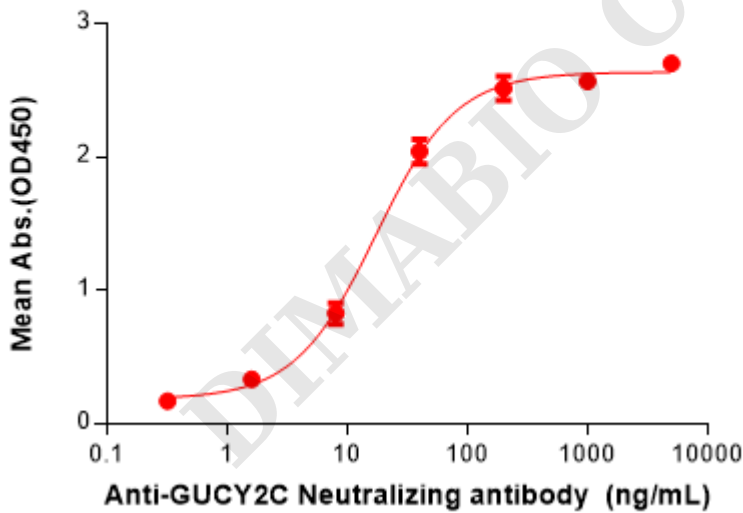


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human GUCY2C Protein, His Tag(PME100262) can bind Anti-GUCY2C(ICTCAR-CRC) mAb(BME100180) in a linear range of 1.60-40 ng/mL.

