

**PRODUCT INFORMATION**

<b>Common Name</b>	PankoMab,PankoMab-GEX,hPankoMab,DS-3939□DS-3939a
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	ADMCKD, ADMCKD1, CA 15-3, CD227, EMA, H23AG, KL-6, MAM6, MCD, MCKD, MCKD1, MUC-1, MUC-1/SEC, MUC-1/X, MUC1/ZD, PEM, PEMT, PUM
<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>	Humanized
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	MUC1
<b>Uniprot ID</b>	P15941
<b>Description</b>	Anti-MUC1(gatipotuzumab 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 antibodies 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
<b>DIMA Disclaimer</b>	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.



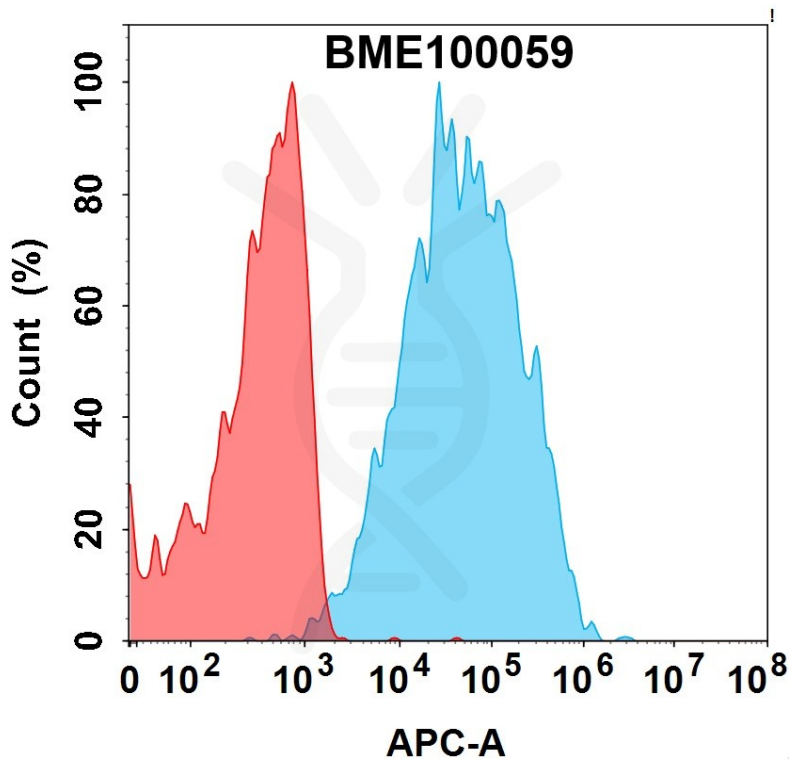


Figure 1. MUC1 protein is highly expressed on the surface of HeLa cell membrane. Flow cytometry analysis with 1 $\mu$ g/mL Anti-MUC1(gatipotuzumab biosimilar) mAb (BME100059) on HeLa cells (Blue histogram) or isotype control mAb (Red histogram) on HeLa cells.

### Anti-MUC1(gatipotuzumab biosimilar) mAb ELISA

0.2  $\mu$ g MUC1 glycopeptide per well

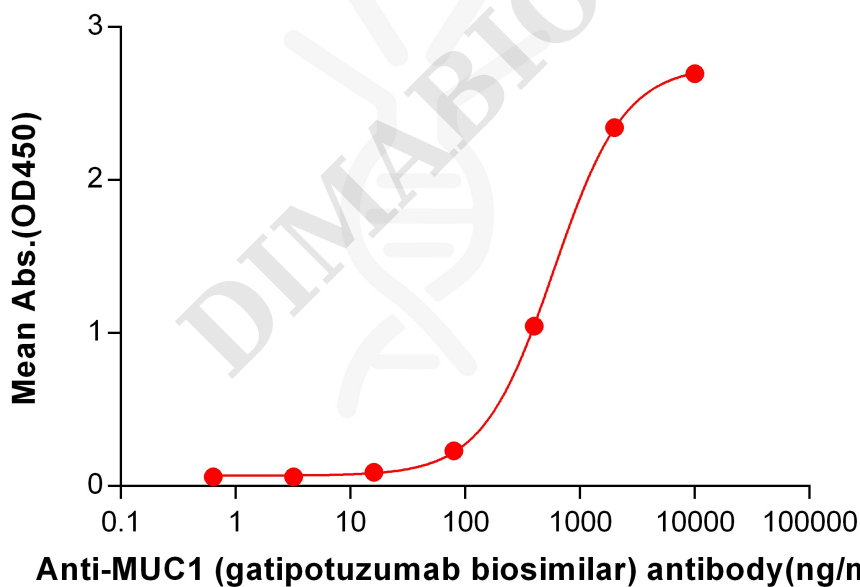


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) MUC1 glycopeptide can bind Anti-MUC1(gatipotuzumab biosimilar) mAb (BME100059) in a linear range of 80-2000 ng/mL.

