

**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>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 of reconstitution.
<b>Host Species</b>	Humanized
<b>IgG type</b>	Human IgG1 - kappa
<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>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



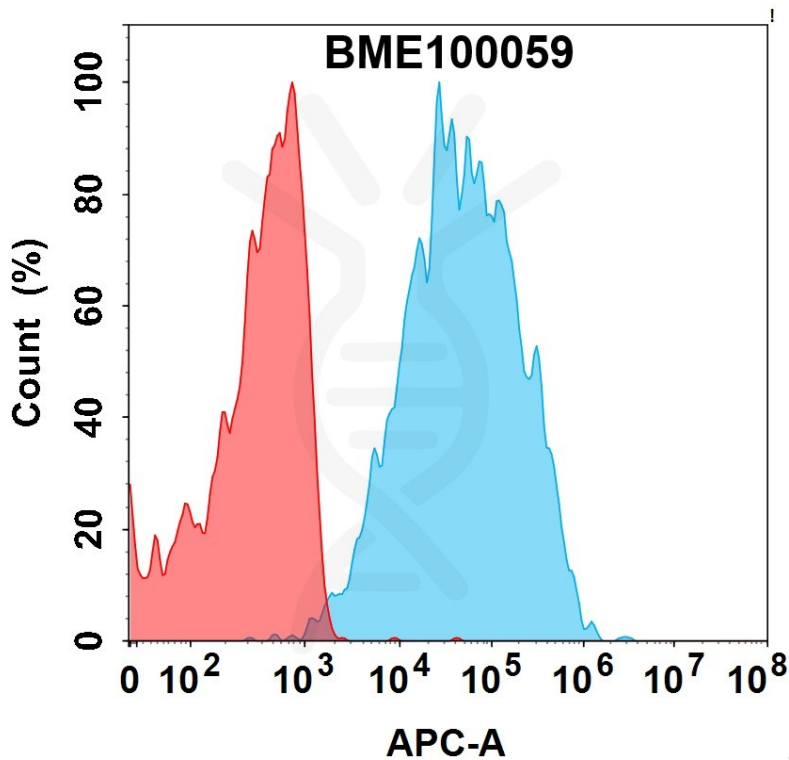


Figure 1. MUC1 protein is highly expressed on the surface of Hela cell membrane. Flow cytometry analysis with 1 $\mu$ g/mL Anti-MUC1(gatipotuzumab biosimilar) mAb (BME100059) on Hela cells (Blue histogram) or isotype control mAb (Red histogram) on Hela cells.

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

0.2  $\mu$ g MUC1 glycopeptide per well

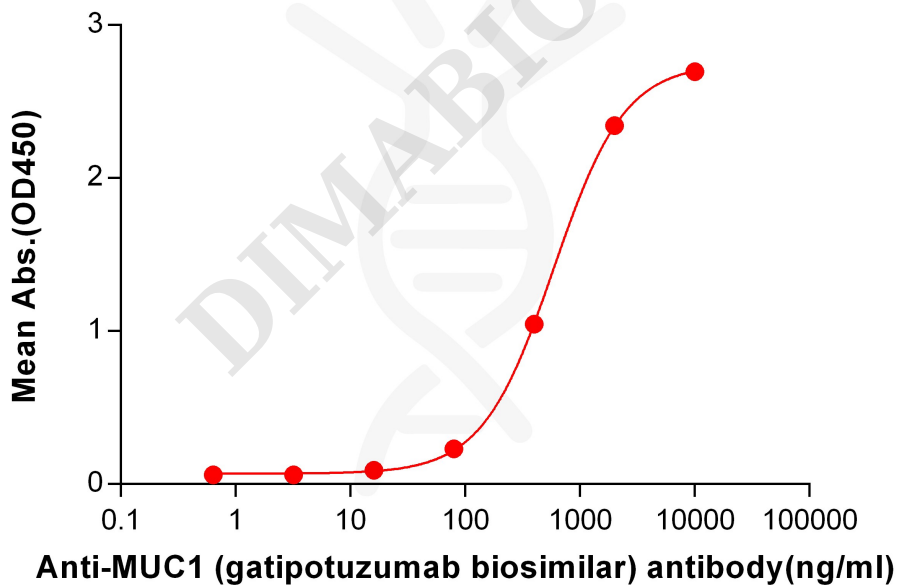


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) MUC1 glycopeptide can bind Anti-MUC1(gatipotuzumab biosimilar) mAb (BME100059) in a linear range of 80-2000 ng/mL.

