PRODUCT INFORMATION

Uniprot ID	P15941
Common Name	PAB001、PAB001-ADC、hMUC1-1H7, Unconjugated mAb
Conjugate	Unconjugated
Synonyms	MUC-1; CD227; PUM
Applications	ELISA, Flow Cyt
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	Humanized
IgG type	Human IgG1(E356D,M358L) – kappa
Reactivity	Human
Target	MUC1
Description	Anti-MUC1(PAb-001 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 antibodies are shipped at ambient temperature.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals. Our unconjugated biosimilar monoclonal antibodies (mAbs) are based on the sequences outlined in relevant patents or scientific publications. These antibodies are in their native, unconjugated form, meaning they do not contain any payload or therapeutic agent attached. They are designed for use in research and development, and their performance has been tested as standalone molecules through comprehensive QC tests.
Usage	Research use only

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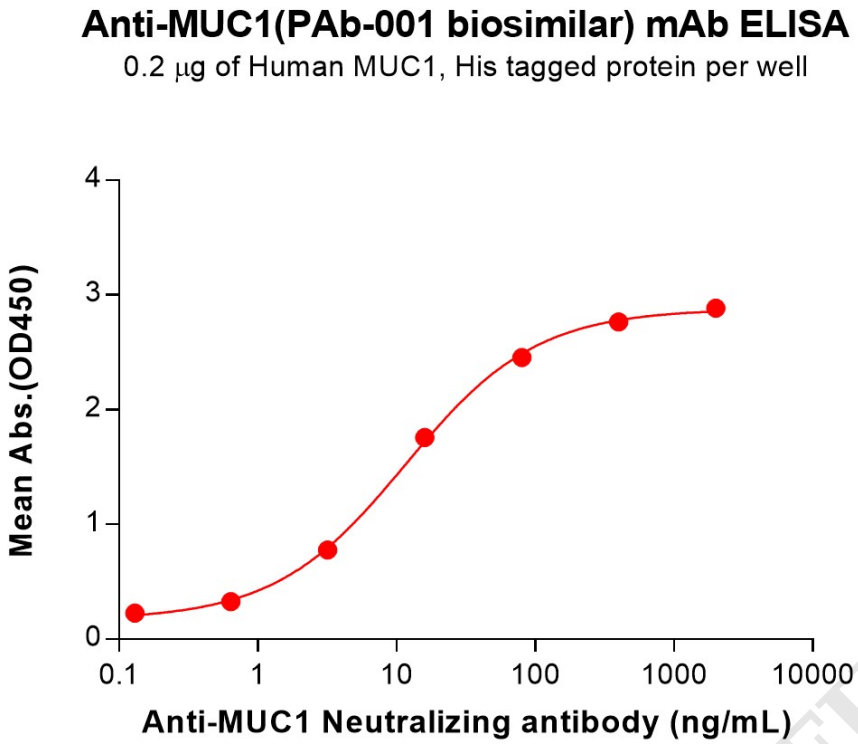


Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human MUC1 Protein, His Tag (PME100106) can bind Anti-MUC1(PAb-001 biosimilar) mAb (BME100249) in a linear range of 0.64–80 ng/mL.

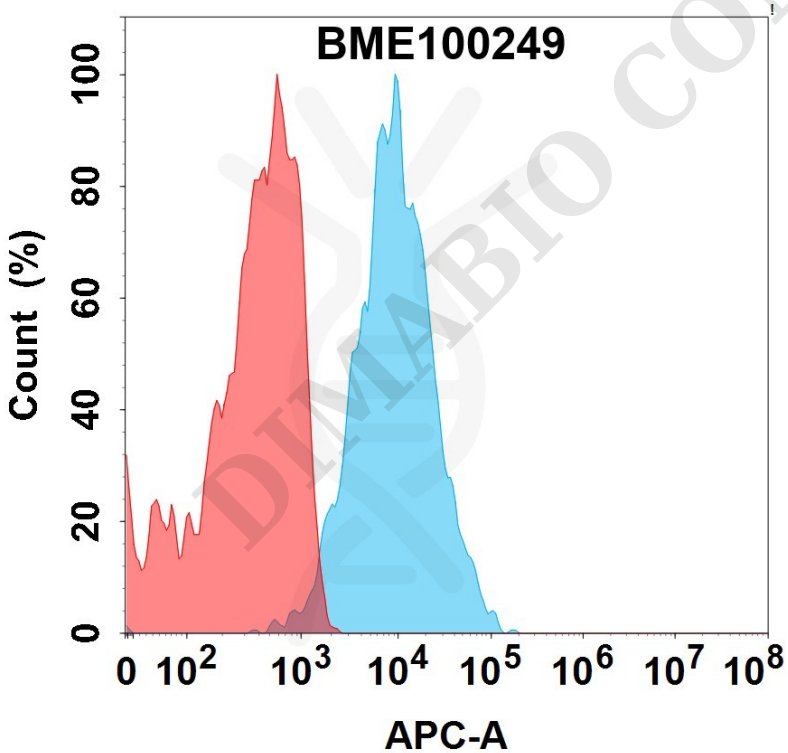


Figure 2. Flow cytometry analysis with 1μg/mL Anti-MUC1(PAb-001 biosimilar) mAb (BME100249) on HEK293 cells transfected with Human MUC1 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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