PRODUCT INFORMATION

Uniprot ID	P43121
Common Name	hJ253-03-7□AMT 253
Conjugate	Unconjugated
Synonyms	MCAM; CD146
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 – kappa
Reactivity	Human
Target	MUC18
Description	Anti-MUC18(AMT 253 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.
Usage	Research use only

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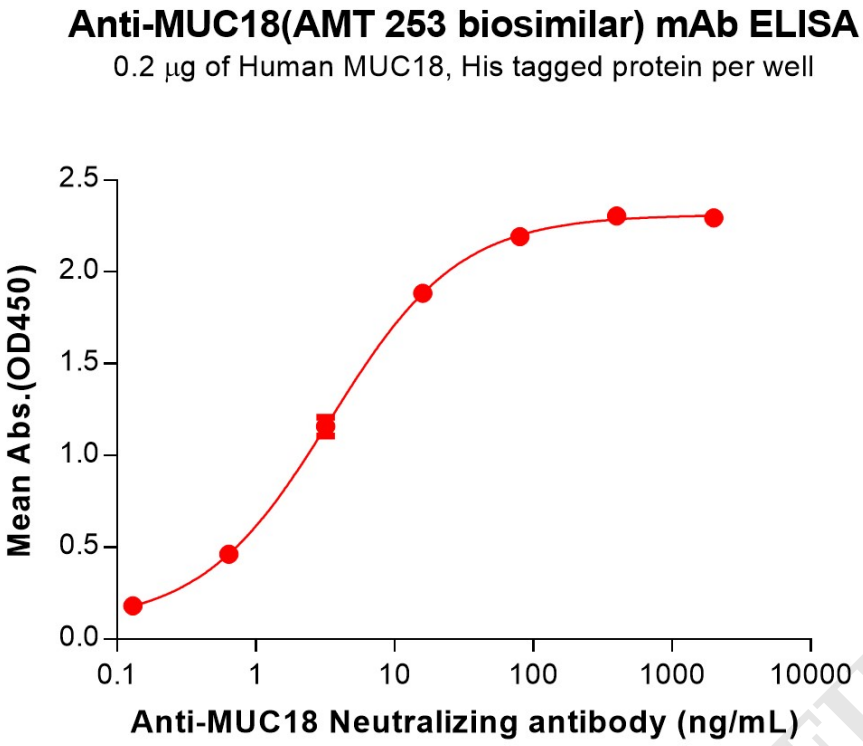


Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human MUC18 Protein, His Tag (PME100735) can bind Anti-MUC18(AMT 253 biosimilar) mAb (BME100215) in a linear range of 0.13–16 ng/mL.

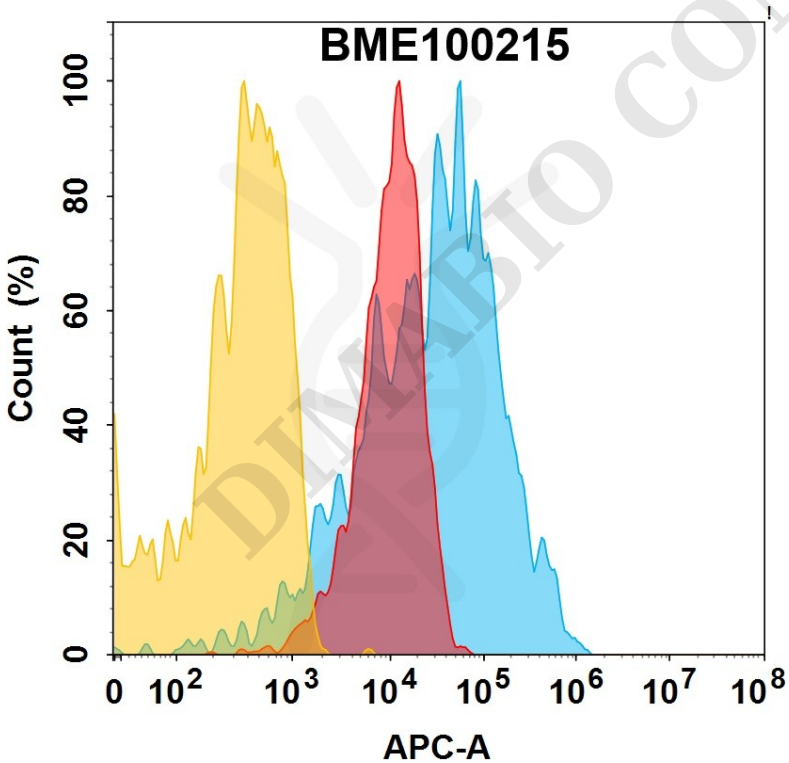


Figure 2. MUC18 protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with 1μg/mL Anti-MUC18(AMT 253 biosimilar) mAb (BME100215) on HEK293 cells transfected with Human MUC18 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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