

## **PRODUCT INFORMATION**

warning: Undefined variable \$hasAttributeValueDescription in C:\www.root\mirror.dimabio.com\wp-content\plugins\woocommerce-print-products-public.php on line 2806 nj253-03-7\partition 1253

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
Uniprot ID P43121

Description Anti-MUC18(AMT 253 biosimilar) mAb

Delivery In Stoc

Background

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.

Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals

Usage Research use onl

## Anti-MUC18(AMT 253 biosimilar) mAb ELISA

0.2 μg of Human MUC18, His tagged protein per well

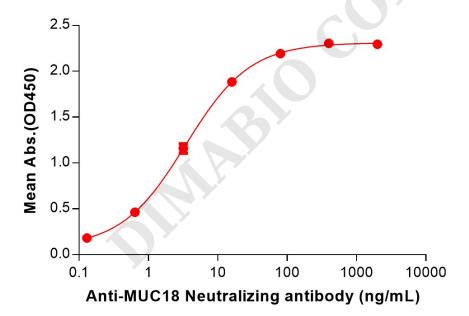
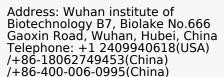


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human MUC18 Protein, His Tag (PME100735) can bind Anti-MUC18(AMT 253 biosimilar) mAb (BME100215) in a linear range of 0.13–16 ng/mL.









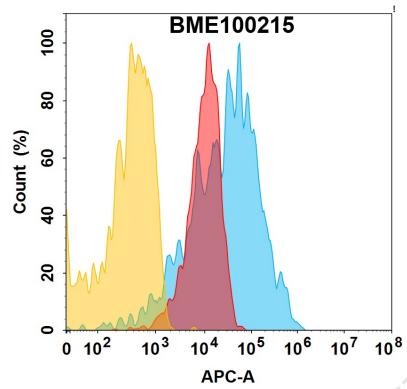


Figure 2. MUC18 protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with  $1\mu g/mL$  Anti-MUC18(AMT 253 biosimilar) mAb (BME100215) on HEK293 cells transfected with Human MUC18 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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