

PRODUCT INFORMATION

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| Common Name | hJ253-03-7[AMT 253 |
| 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 | IgG1 |
| Reactivity | Human |
| Target | MUC18 |
| Uniprot ID | P43121 |
| 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 |



Anti-MUC18(AMT 253 biosimilar) mAb ELISA
0.2 µg of Human MUC18, His tagged protein per well

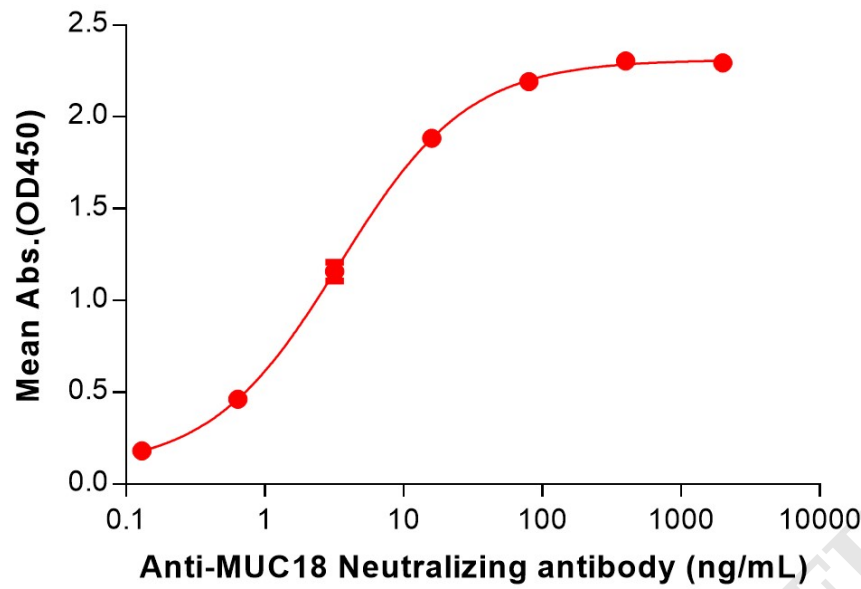


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human MUC18 Protein, His Tag (PME100735) can bind Anti-MUC18(AMT 253 biosimilar) mAb (BME100215) in a linear range of 0.13-16 ng/mL.

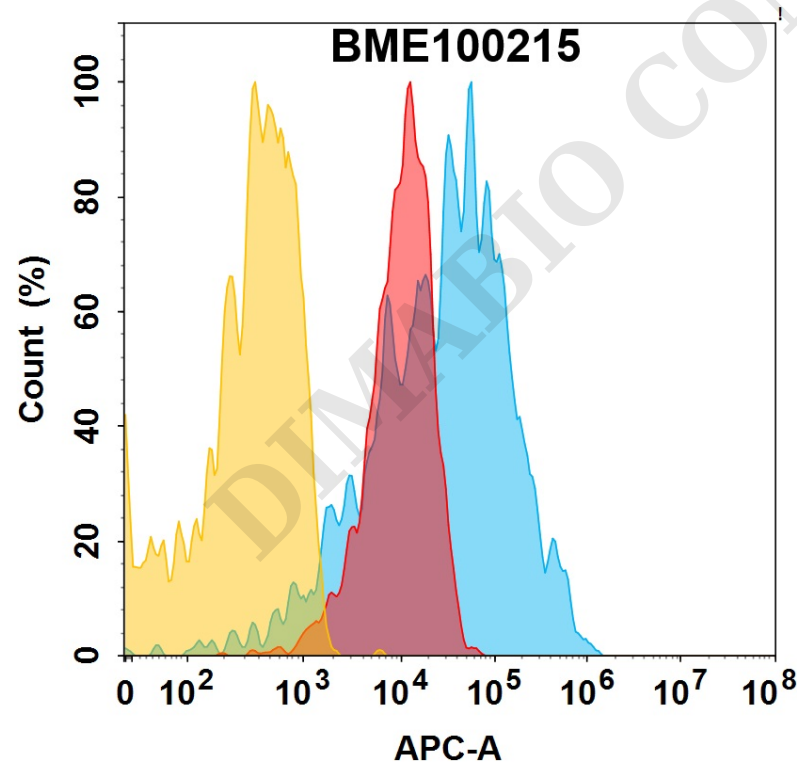


Figure 2. MUC18 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1µg/mL Anti-MUC18(AMT 253 biosimilar) mAb (BME100215) on Expi293 cells transfected with Human MUC18 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

