

Humanized anti-Human MUC18 Antibody | anti-MUC18 antibody

Anti-MUC18 (AMT 253 biosimilar) mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129426	Humanized	Human	Flow Cytometry, Functional Assay, ELISA

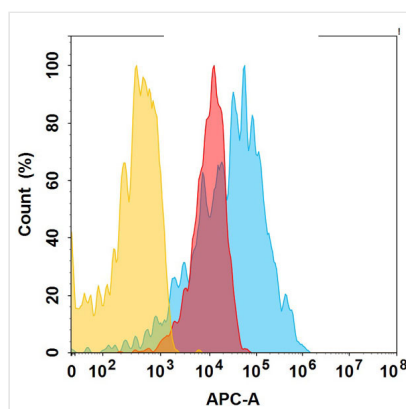
PRODUCT SYNONYMS

MUC18; Anti-MUC18 (AMT 253 biosimilar) mAb; MCAM; CD146; hJ253?03?7; AMT 253; anti-MUC18 antibody

PRODUCT SPECIFICATIONS

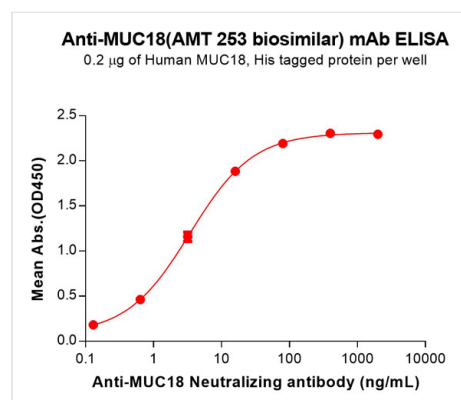
Host	Humanized
Reactivity	Human
Isotype	IgG1
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Applicable Applications for anti-MUC18 antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. MUC18 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1ug/mL Anti-MUC18(AMT 253 biosimilar) mAb (AAA129426) on Expi293 cells transfected with Human MUC18 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



ELISA

Figure 1. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human MUC18 Protein, His Tag can bind Anti-MUC18(AMT 253 biosimilar) mAb (AAA129426) in a linear range of 0.13–16 ng/mL.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MUC18 antibody	Biosimilar reference antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	85681878
NCBI GeneID	4162
UniProt Accession #	P43121; O95812; Q59E86; Q6PHR3; Q6ZTR2
Molecular Weight	646
NCBI Official Full Name	Cell surface glycoprotein MUC18
NCBI Official Synonym Full Names	melanoma cell adhesion molecule
NCBI Official Symbol	MCAM
NCBI Official Synonym Symbols	CD146; MUC18
NCBI Protein Information	cell surface glycoprotein MUC18; Gicerin; melanoma adhesion molecule; cell surface glycoprotein P1H12; melanoma-associated antigen A32; melanoma-associated antigen MUC18; S-endo 1 endothelial-associated antigen
UniProt Protein Name	Cell surface glycoprotein MUC18
UniProt Gene Name	MCAM
UniProt Synonym Gene Names	MUC18
UniProt Entry Name	MUC18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-antibody/muc18/129426>