

PRODUCT INFORMATION

Common Name	MORAb-009
Conjugate	Unconjugated
Synonyms	MSLN;Mesothelin;MPF
Applications	ELISA; Flow Cyt
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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	Chimeric
IgG type	Human IgG1 - kappa
Reactivity	Human
Target	MSLN
Uniprot ID	Q13421
Description	Anti-Mesothelin (amatuximab 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 proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-Mesothelin (amatuximab biosimilar) mAb ELISA

0.2 µg of Mesothelin(296-580), mFc-His Tagged protein per well

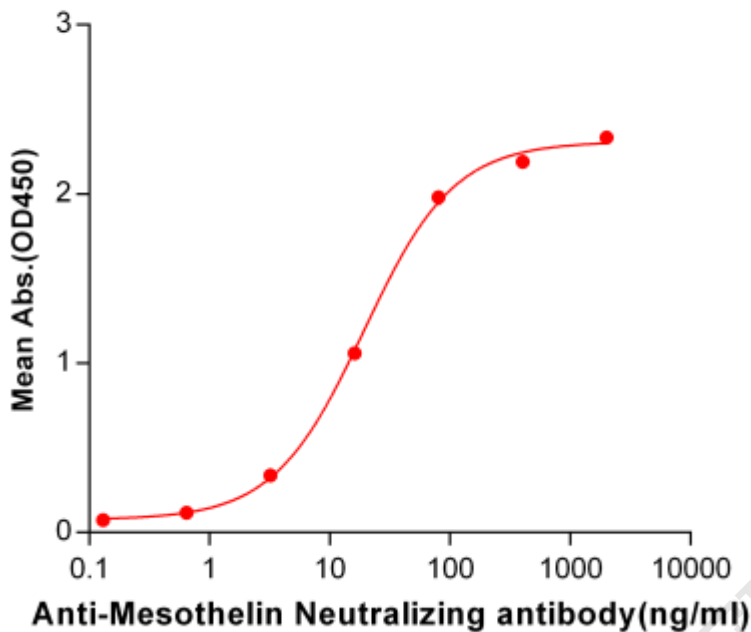


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human Mesothelin, mFc-His tagged protein ([getskuurl sku="PME100031"]) can bind Anti-Mesothelin Neutralizing antibody in a linear range of 3.2-80.0 ng/ml.

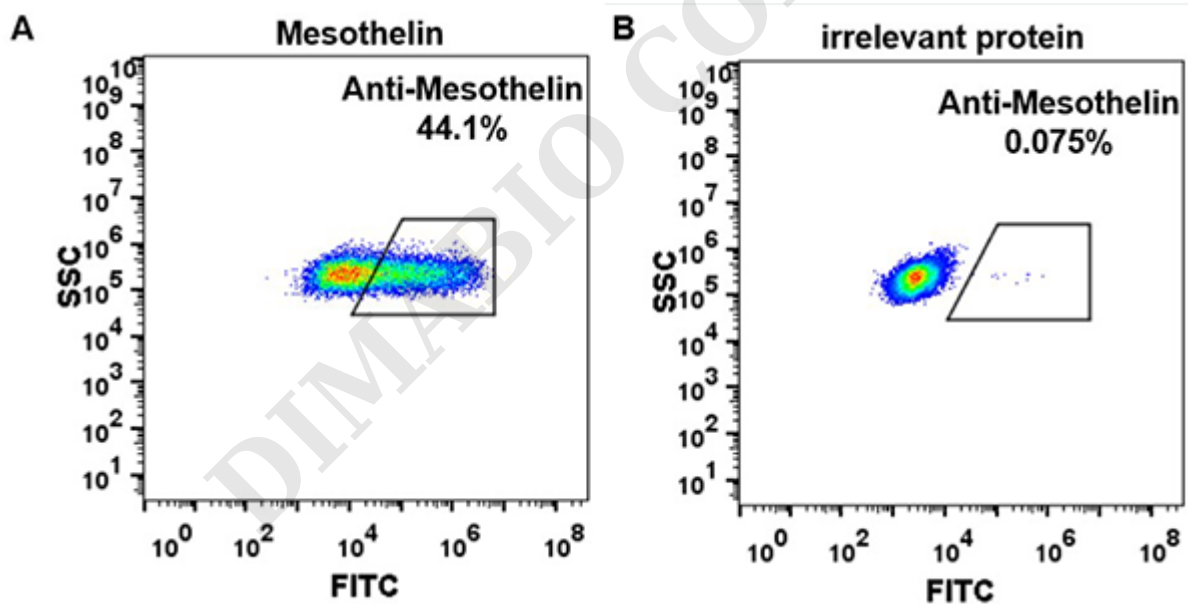


Figure 2. HEK293 cell line transfected with irrelevant protein (**B**) and human Mesothelin (**A**) were surface stained with anti-Mesothelin neutralizing antibody 1µg/ml (amatuximab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

