

PRODUCT INFORMATION

Common Name	SC113.153
Synonyms	TNFSF9, TNFL9
Conjugate	Unconjugated
Applications	ELISA □ Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000 □ Flow Cyt 1:100
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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	N/A
IgG type	Human IgG1 - kappa
Reactivity	Human
Target	4-1BB Ligand
Uniprot ID	P41273
Description	Anti-4-1BB Ligand(SC113.153 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-4-1BB Ligand(SC113.153 biosimilar) mAb ELISA

0.2 μ g of Human 4-1BB Ligand, mFc-His tagged protein per well

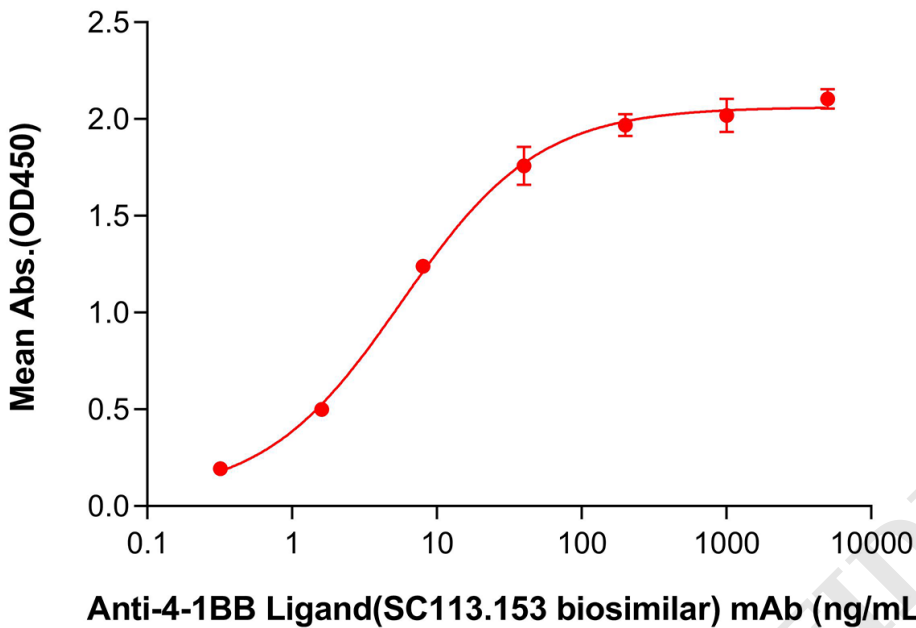


Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human 4-1BB Ligand Protein, mFc-His Tag (PME100054) can bind Anti-4-1BB Ligand(SC113.153 biosimilar) mAb (BME100300) in a linear range of 1.6-8.0 ng/mL.

Anti-4-1BB Ligand(SC113.153 biosimilar) mAb ELISA

0.2 μ g of Anti-4-1BB Ligand(SC113.153 biosimilar) mAb per well

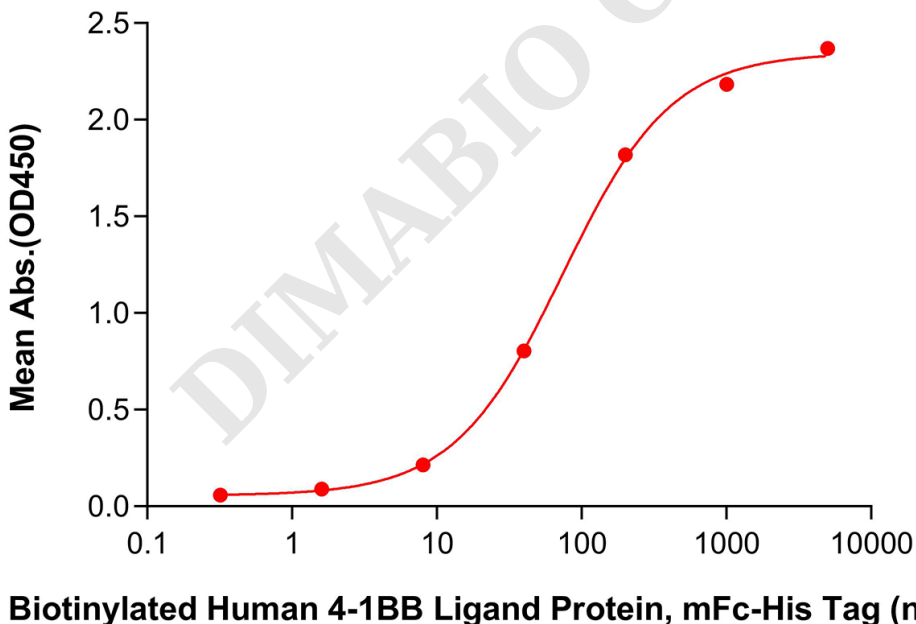


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Anti-4-1BB Ligand(SC113.153 biosimilar) mAb (BME100300) can bind Biotinylated Human 4-1BB Ligand Protein, mFc-His Tag (PME100054B) in a linear range of 40-200 ng/mL. In order to specifically detect PME100054B, HRP Conjugated-Streptavidin was used as detection antibody.



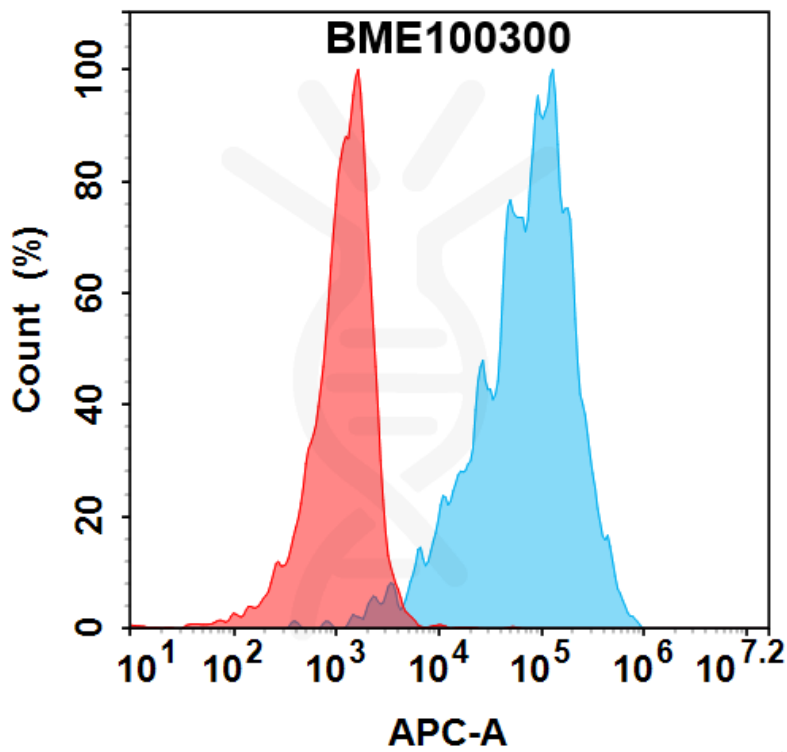


Figure 3. Flow cytometry analysis with 0.5 µg/ml Anti-4-1BB Ligand(SC113.153 biosimilar) mAb (BME100300) on HEK293 cells transfected with Human 4-1BB Ligand protein (Blue histogram) and HEK293 transfected with irrelevant protein (Red histogram) .

