

PRODUCT INFORMATION

Common Name	BMS-734016, MDX-010, MDX-CTLA-4
Synonyms	CTLA4;CD152
Conjugate	Unconjugated
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	Homo sapiens
IgG type	Human IgG1 - kappa
Reactivity	Human
Target	CTLA-4
Uniprot ID	P16410
Description	Anti-CTLA-4 (ipilimumab 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-CTLA4 (ipilimumab biosimilar) mAb ELISA

0.2 µg of CTLA-4, mFc-His Tagged protein per well

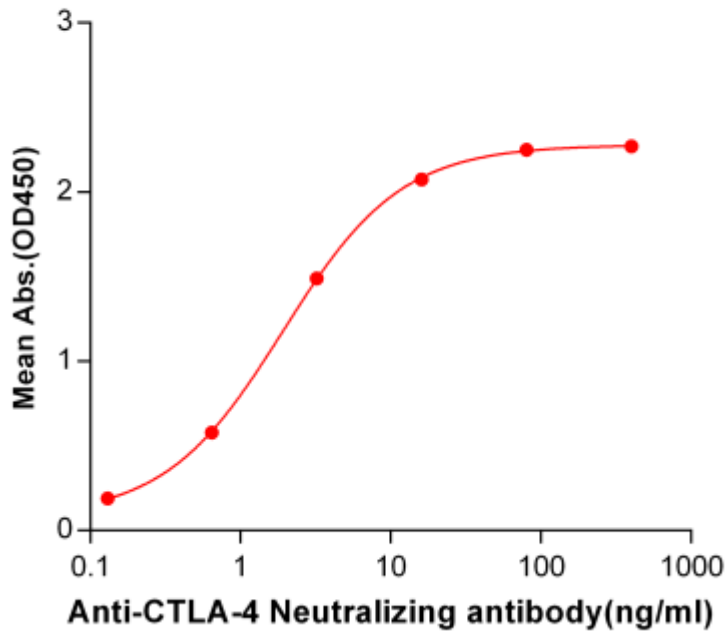


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CTLA4, mFc-His tagged protein ([getskuurl sku="PME100017"]) can bind Anti-CTLA4 Neutralizing antibody in a linear range of 0.13-16.0 ng/ml.

Anti-CTLA4 (ipilimumab biosimilar) mAb ELISA

0.2 µg of CTLA-4, hFc Tagged protein per well

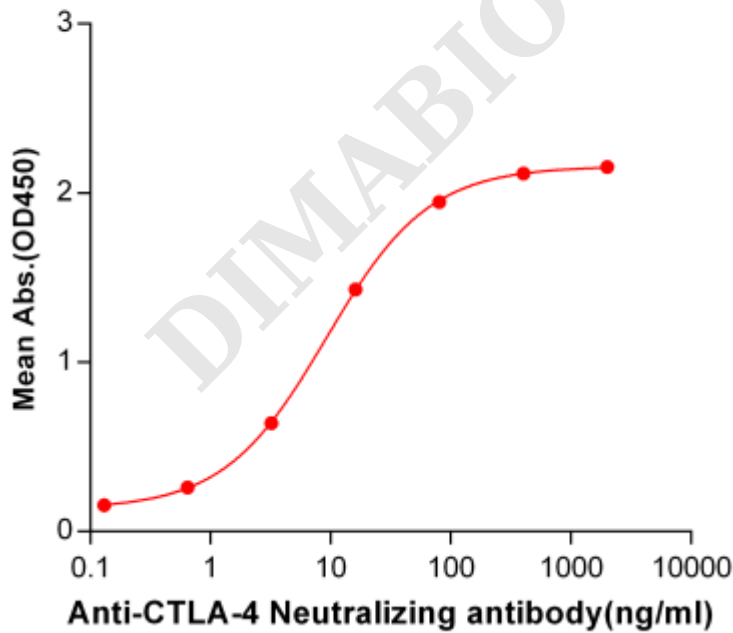


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CTLA4, hFc tagged protein (PME100479) can bind Anti-CTLA4 Neutralizing antibody in a linear range of 0.64-80.0 ng/ml. In order to specifically detect BME100022, mouse anti-human Fab-specific antibody was used as detection antibody.



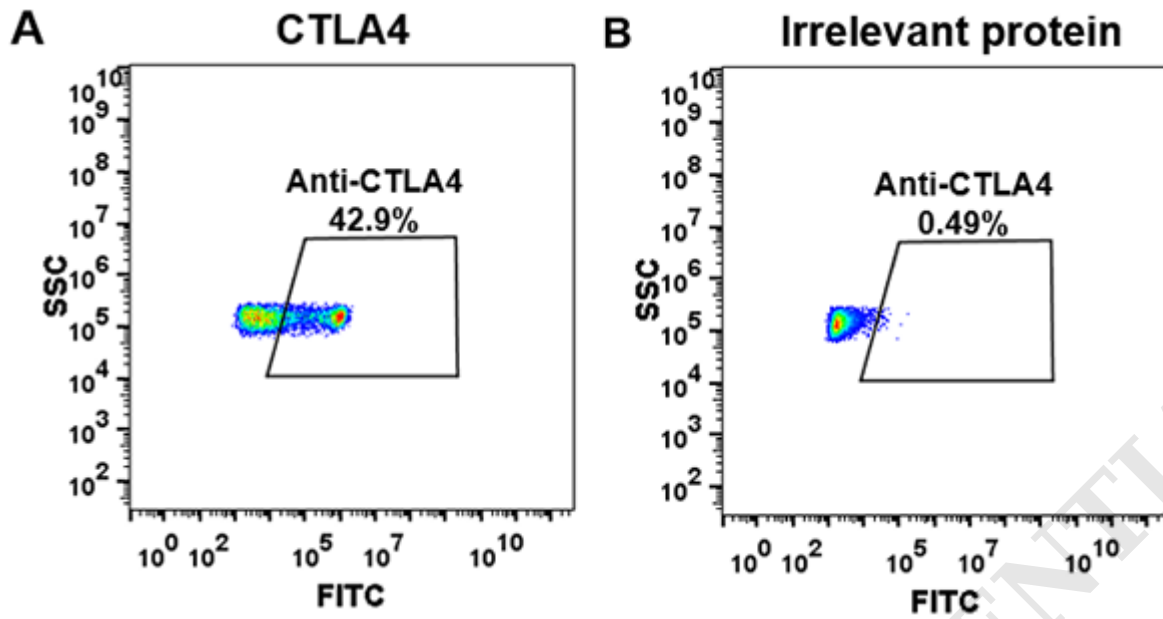


Figure 3. HEK293 cell line transfected with irrelevant protein (**B**) and human CTLA4 (**A**) were surface stained with anti-CTLA4 neutralizing antibody 1 μ g/ml (ipilimumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

