

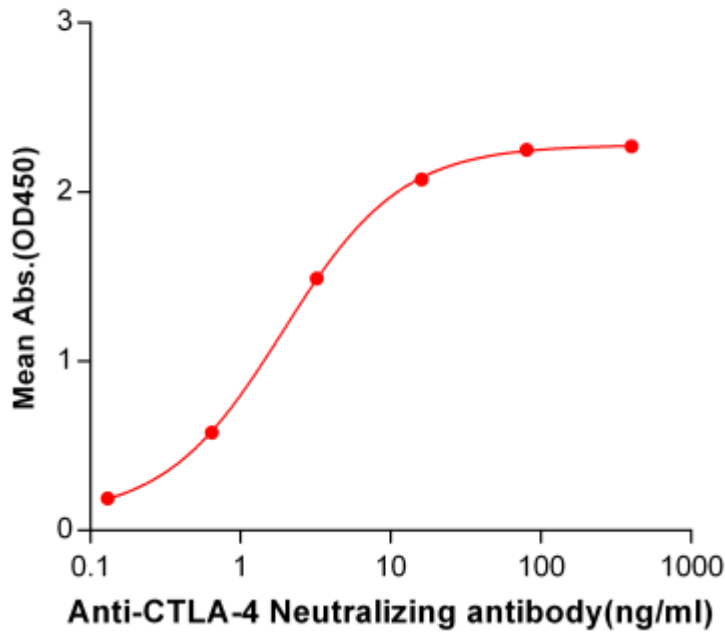
**PRODUCT INFORMATION**

<b>Common Name</b>	BMS-734016, MDX-010, MDX-CTLA-4
<b>Synonyms</b>	CTLA4;CD152
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Formulation &amp; Reconstitution</b>	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.
<b>Host Species</b>	Homo sapiens
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	CTLA-4
<b>Uniprot ID</b>	P16410
<b>Description</b>	Anti-CTLA-4 (ipilimumab biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only
<b>DIMA Disclaimer</b>	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.



### Anti-CTLA4 (ipilimumab biosimilar) mAb ELISA

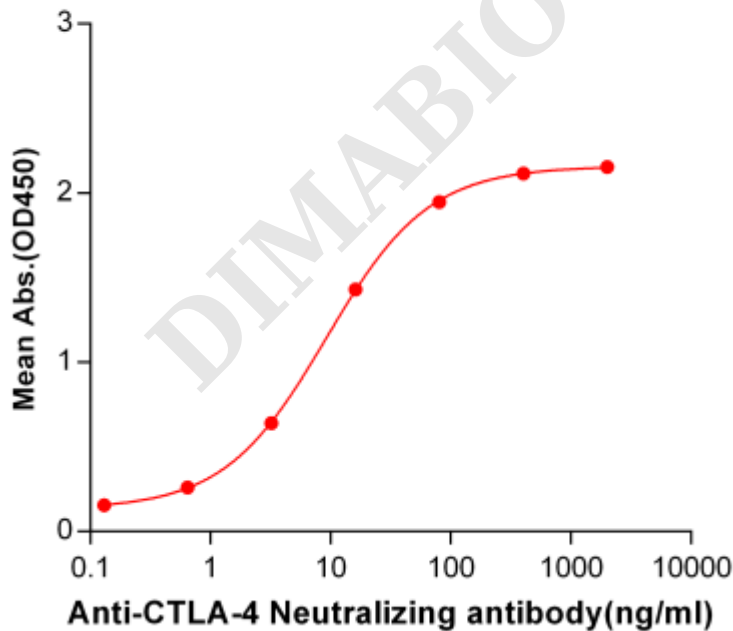
0.2 µg of CTLA-4, mFc-His Tagged protein per well



**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.

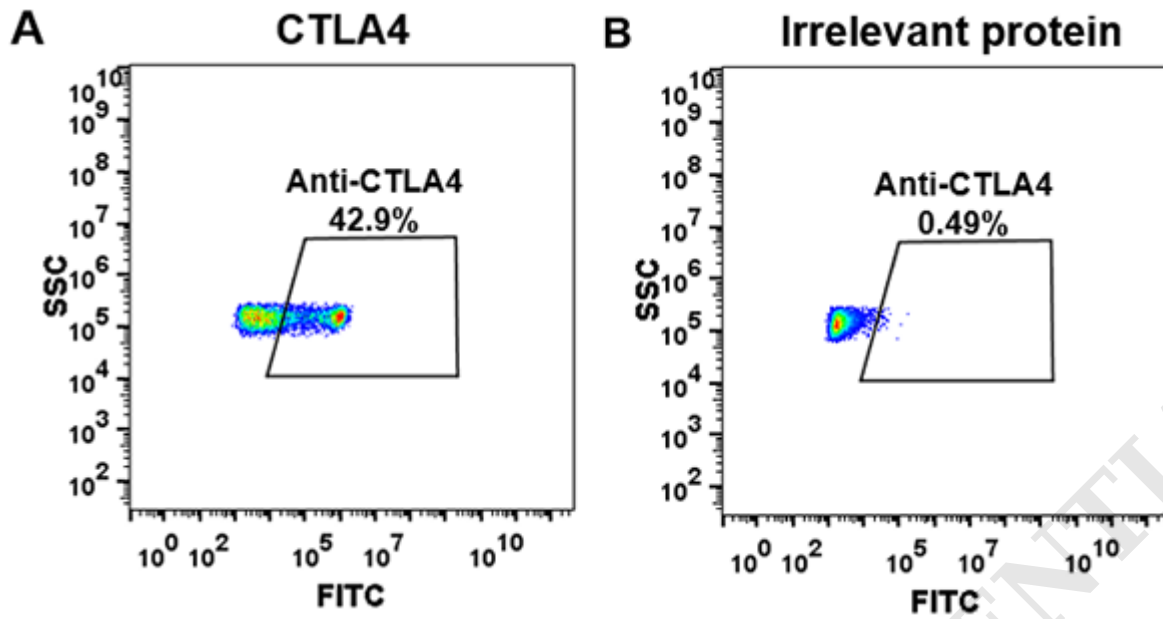
### Anti-CTLA4 (ipilimumab biosimilar) mAb ELISA

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 $\mu$ g/ml (ipilimumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

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