

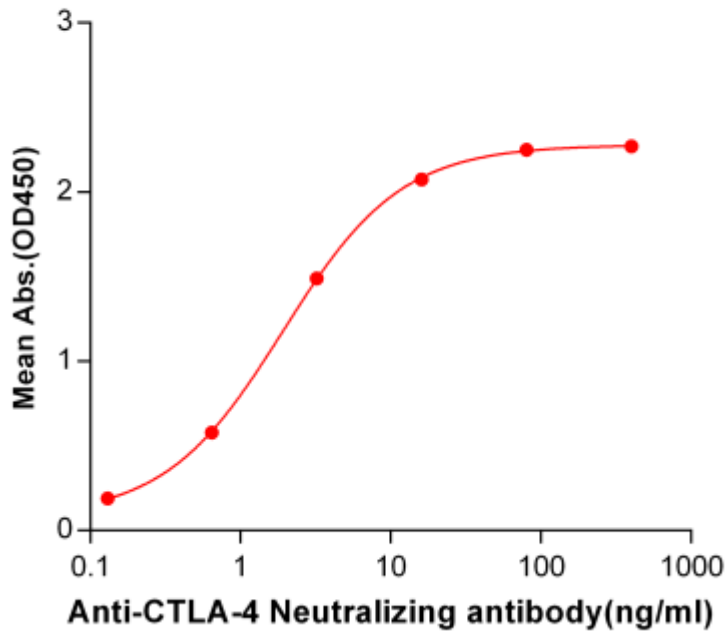
**PRODUCT INFORMATION**

<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>Endotoxin</b>	Less than 1.0 EU/ $\mu$ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<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>	Human IgG1 - kappa
<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>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 $\mu$ m) prior to use.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



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

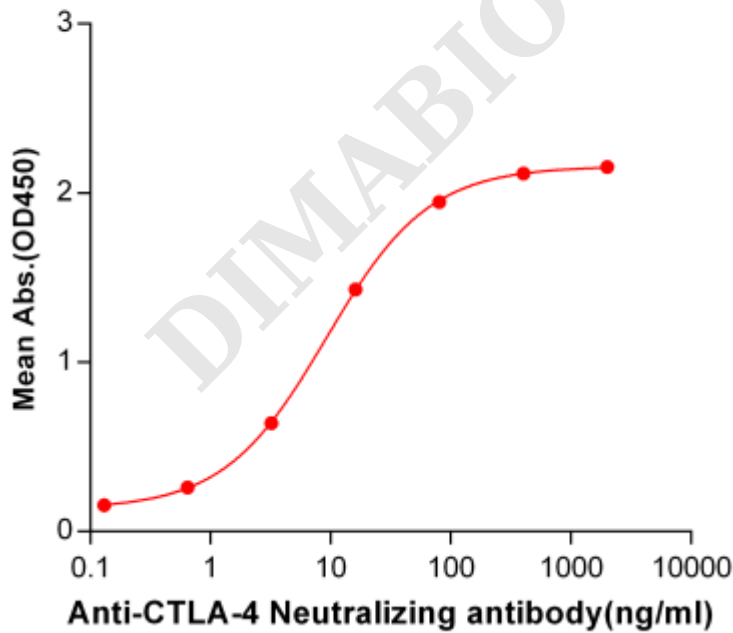
0.2 µg of CTLA-4, mFc-His Tagged protein per well



**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.

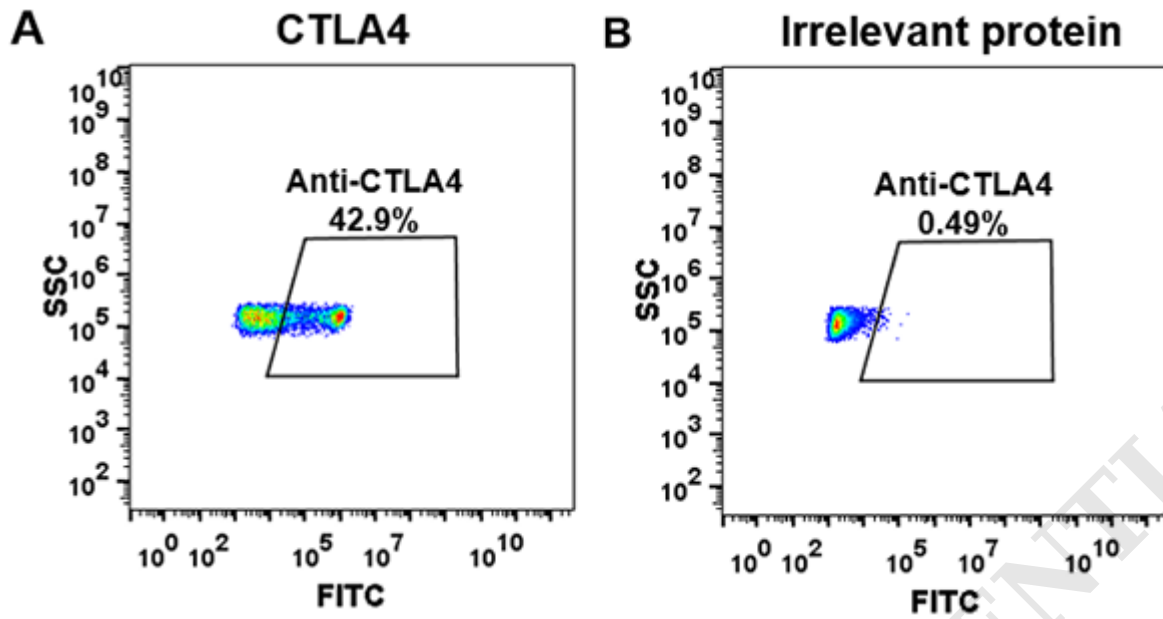
### Anti-CTLA4 (ipilimumab biosimilar) mAb ELISA

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  $1\mu\text{g/ml}$  (ipilimumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

