

**PRODUCT INFORMATION**

<b>Common Name</b>	BMS-936558, MDX-1106, ONO-4538
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	PDCD1, programmed cell death 1, PD1, CD279
<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>	Human IgG4 - Kappa
<b>Reactivity</b>	Human
<b>Target</b>	PD-1
<b>Uniprot ID</b>	Q15116
<b>Description</b>	Anti-PD-1(nivolumab 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 antibodies 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



## Anti-PD-1(nivolumab biosimilar) mAb ELISA

0.2 µg of Human PD-1, mFc-His tagged protein per well

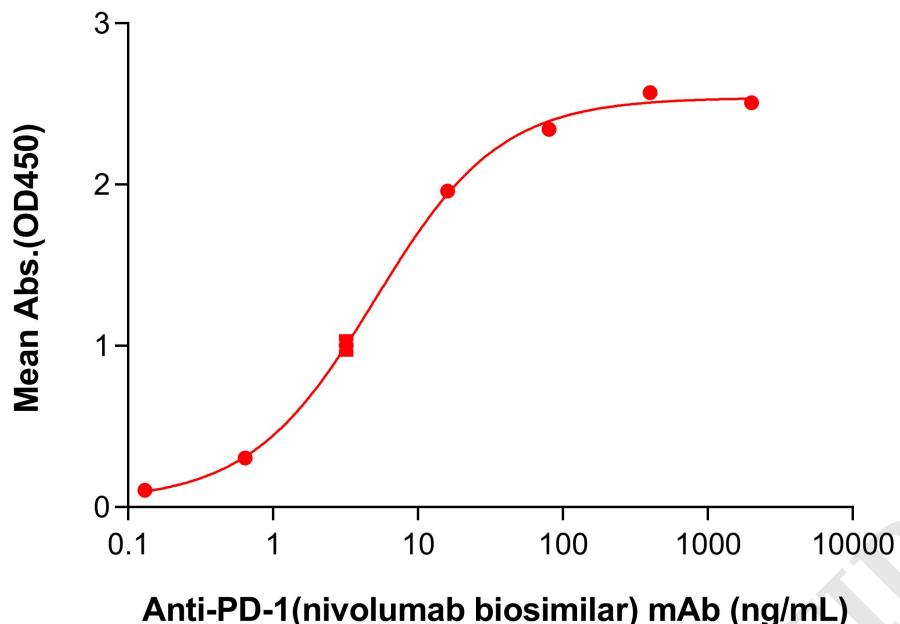


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human PD-1 Protein, mFc-His Tag (PME100025) can bind Anti-PD-1(nivolumab biosimilar) mAb (BME100590) in a linear range of 0.64–80 ng/mL.

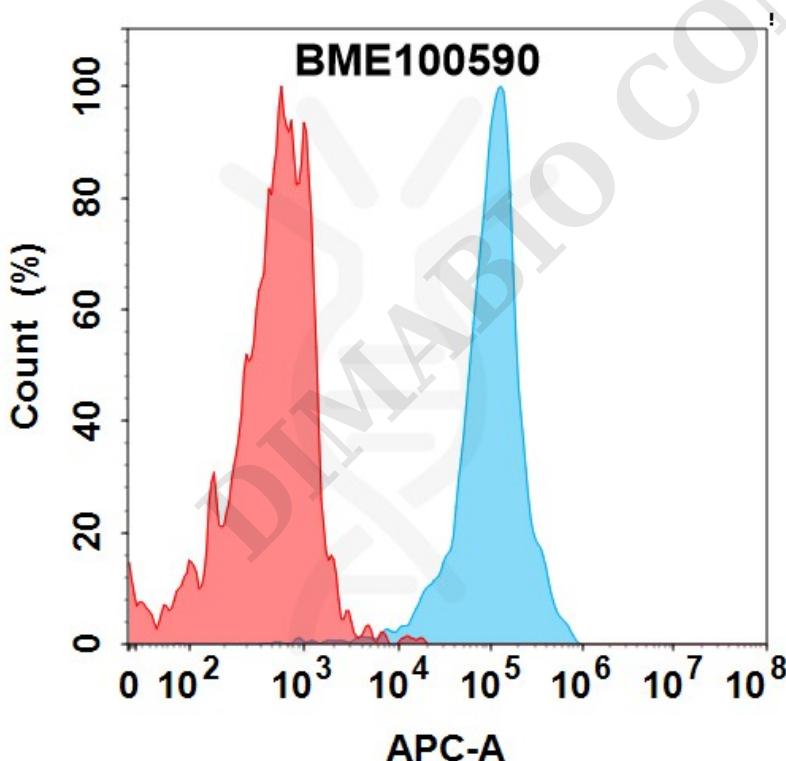


Figure 2. Flow cytometry analysis with 1 µg/mL Anti-PD-1(nivolumab biosimilar) mAb (BME100590) on HEK293 cells transfected with Human PD-1 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

