PRODUCT INFORMATION

Uniprot ID	Q15116
Common Name	BMS-936558, MDX-1106, ONO-4538
Conjugate	Unconjugated
Synonyms	PDCD1, programmed cell death 1, PD1, CD279
Applications	ELISA, Flow Cyt
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 IgG4 – Kappa
Reactivity	Human
Target	PD-1
Description	Anti-PD-1(nivolumab 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.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only

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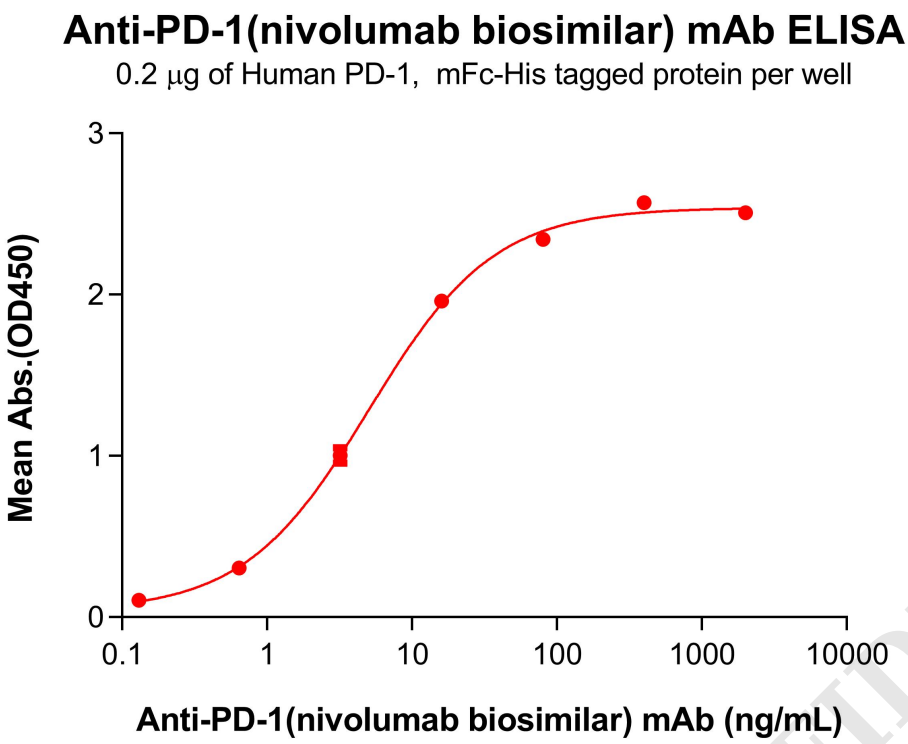


Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human PD-1 Protein, mFc-His Tag (PME100025) can bind Anti-PD-1(nivolumab biosimilar) mAb (BME100590) in a linear range of 0.64–80 ng/mL.

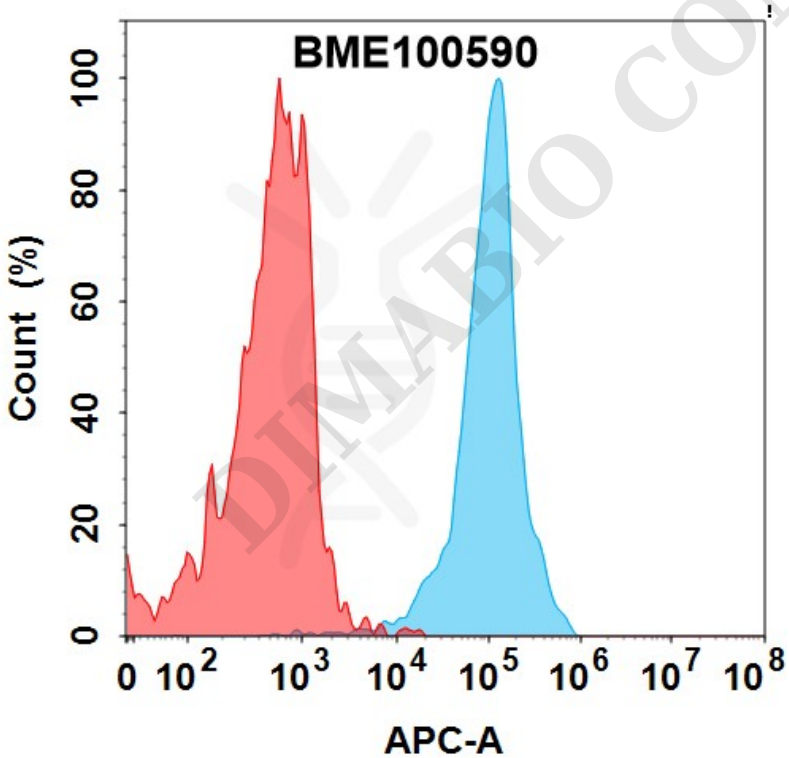


Figure 2. Flow cytometry analysis with 1 μg/mL Anti-PD-1(nivolumab biosimilar) mAb (BME100590) on HEK293 cells transfected with Human PD-1 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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