DIMA BIOTECH

PRODUCT INFORMATION

Common Name	MK-3475
Conjugate	Unconjugated
Synonyms	PDCD1;PD1;CD279;SLEB2
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	Humanized
IgG type	Human IgG4 – Kappa
Reactivity	Human
Target	PD-1
Uniprot ID	Q15116
Description	Anti-PD-1 (pembrolizumab 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.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

Anti-PD1 (pembrolizumab biosimilar) mAb ELISA

0.2 µg of Human PD1, mFc-His Tagged protein per well

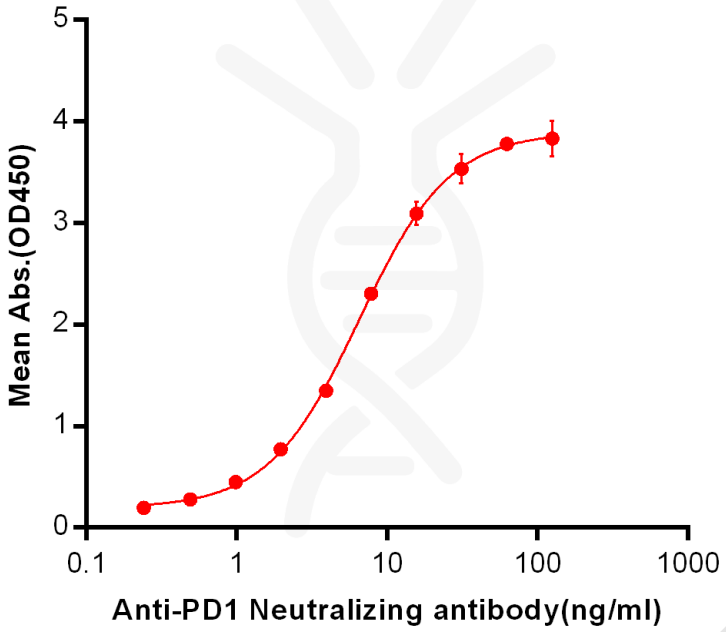

Figure 1 . ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human PD1, mFc-His tagged protein PME100025 can bind Anti-PD-1 Neutralizing antibody in a linear range of 0.24-6.49 ng/ml.

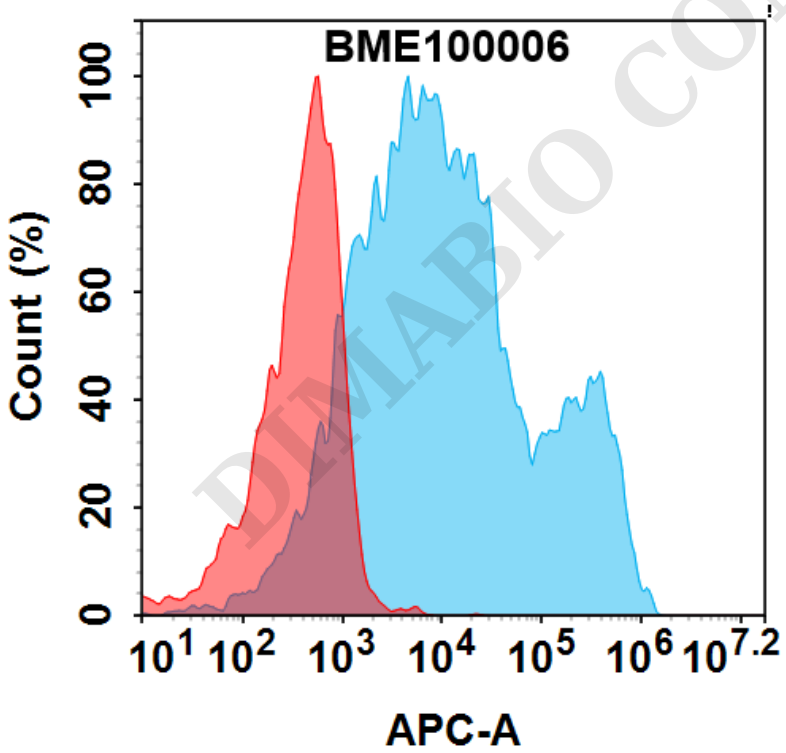

Figure 2. Flow cytometry analysis with 0.5µg/ml Anti-PD-1 (pembrolizumab biosimilar) mAb (BME100006) on HEK293 cells transfected with human PD-1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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