

Product datasheet for **TA355198AM**

PD-1 Monoclonal Antibody (Pembrolizumab Biosimilar)

Product data:

Product Type:	Primary Antibodies
Clone Name:	Pembrolizumab
Applications:	ELISA, FC
Recommended Dilution:	ELISA 1:5000–10000 Flow Cyt 15µg/ml
Reactivity:	Human
Host:	Humanized
Clonality:	Monoclonal
Formulation:	50% Glycerol; PBS, pH 7.4; 0.1% BSA Preservative: 0.1% Procline 300
Reconstitution Method:	1. Before opening the tube cap, centrifuge the sample tube at 5000g for 3–5min at room temperature to ensure the lyophilized sample settles down at the bottom of the tube. 2. Calculate the volume for reconstitution (in µL) using the formula: [Quantity (mg)/Concentration (mg/mL)]x1000 3. Dissolve the lyophilized protein sample in sterile water based on the calculated volume (µL) 4. After adding sterile water, cover the lid and mix by gently tapping the tube 5–10 times. Note: Do not vortex or vigorously pipette the sample.
Purification:	Purified from cell culture supernatant by affinity chromatography
Conjugation:	Biotin
Storage:	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.
Stability:	12 months from date of despatch
Gene Name:	programmed cell death 1
Database Link:	Entrez Gene 5133 Human Q15116



Background: Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.

Synonyms: CD279; PD1; PDCD1; SLEB2

Note: **Common Name:**
MK-3475

Product images:

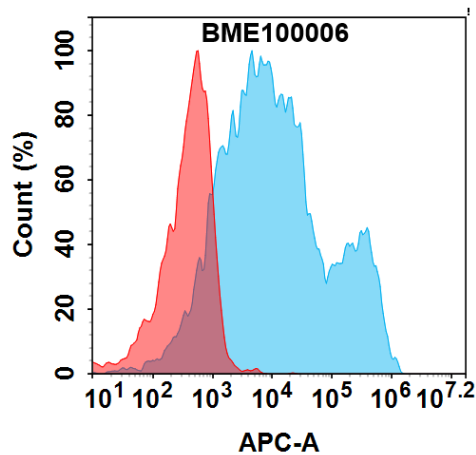


Figure 2. Flow cytometry analysis with 0.5µg/ml Anti-PD-1 (pembrolizumab biosimilar) mAb ([TA355198]) on HEK293 cells transfected with human PD-1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

Anti-PD1 (pembrolizumab biosimilar) mAb ELISA
0.2 µg of Human PD1, mFc-His Tagged protein per well

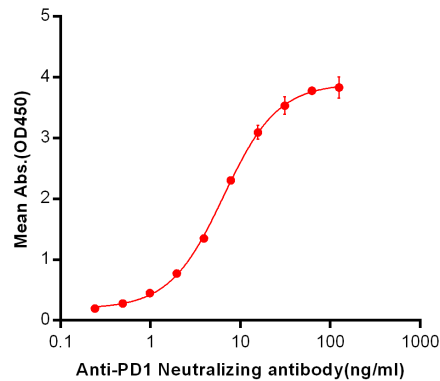


Figure 1 . ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human PD1, mFc-His tagged protein [TP723948] can bind Anti-PD-1 Neutralizing antibody in a linear range of 0.24–6.49 ng/ml.

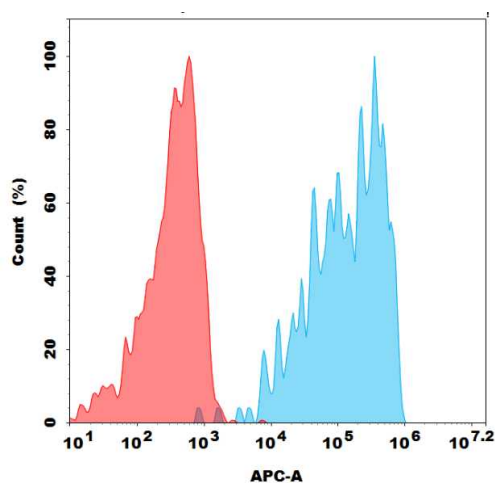


Figure 1. Flow cytometry analysis with 15 µg/ml Biotinylated Anti-PD-1 (pembrolizumab biosimilar) on 293T cells transfected with human PD-1 (Blue histogram) or 293T (Red histogram).