## **PRODUCT INFORMATION**

**Common Name** MK-3475

Conjugate Unconjugated

PDCD1;PD1;CD279;SLEB2 **Synonyms** 

**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

Store at -20°C to -80°C for 12 months in

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lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping Lyophilized proteins are shipped at ambient

témperature.

Research grade biosimilar. Not for use in

**Background** therapeutic or diagnostic procedures for humans

or animals.

**Usage** Research use only



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## Anti-PD1 (pembrolizumab biosimilar) mAb ELISA

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

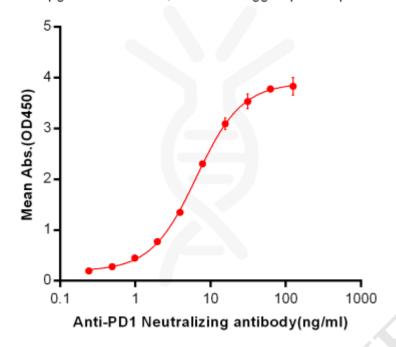
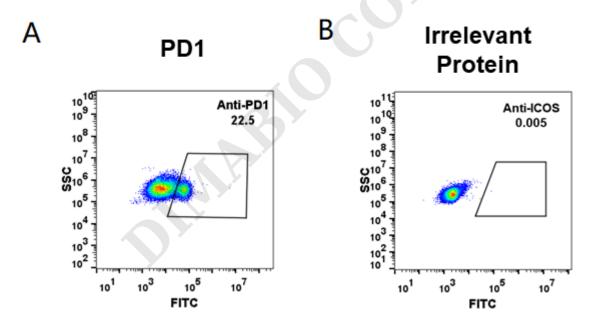


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human PD1, mFc-His tagged protein ([getskuurl sku="PME100025"]) can bind Anti-PD-1 Neutralizing antibody in a linear range of 0.24-6.49 ng/ml.



**Figure 2.** HEK293 cell line transfected with irrelevant protein **(B)** and human PD1 **(A)** were surface stained with anti-PD1 neutralizing antibody  $1\mu$ g/ml (pembrolizumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

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