

## 12-9066: Anti-PD-1 Antibody (pembrolizumab biosimilar) (MK-3475)

<b>Clonality :</b>	Monoclonal
<b>Application :</b>	ELISA, FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	PDCD1
<b>Gene ID :</b>	5133
<b>Uniprot ID :</b>	Q15116
<b>Format :</b>	Purified
<b>Alternative Name :</b>	MK-3475, PDCD1, PD1, CD279, SLEB2
<b>Isotype :</b>	Human IgG4

### Product Info

<b>Amount :</b>	50 µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography.
<b>Content :</b>	Preservative: 0.1% Procline 300. Constituents: 50% Glycerol; PBS, pH 7.4; 0.1% BSA Not Sterile
<b>Storage condition :</b>	Store at -20°C (Avoid repeated freezing and thawing).

### Application Note

Reconstitute with deionized water. ELISA 1:5000-10000, Flow Cyt 1:100

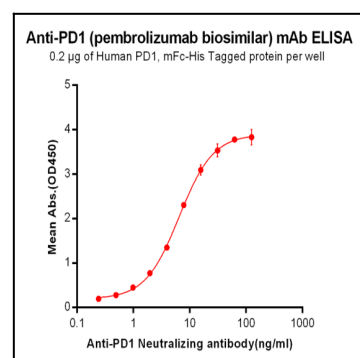


Figure-1: ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human PD1, mFc-His tagged protein can bind Anti-PD-1 Neutralizing antibody in a linear range of 0.24-6.49 ng/ml.

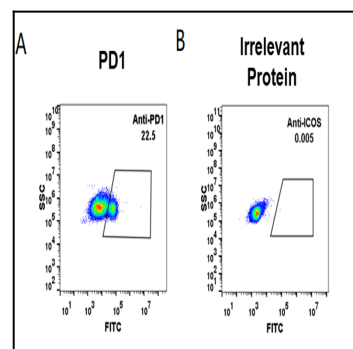


Figure-2: HEK293 cell line transfected with irrelevant protein (B) and human PD1(A) were surface stained with anti-PD1 neutralizing antibody 1 µg/ml (pembrolizumab) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.