

Product Datasheet

PD-1 Biosimilar Antibody (orb689311)

Catalog Number	orb689311
Category	Antibodies
Description	Anti-PD-1 (pembrolizumab biosimilar) mAb
Target	PD-1
Clonality	Monoclonal
Species/Host	Human Humanized
Isotype	Human IgG4 - Kappa
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Powder
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.
Purification	Purified from cell culture supernatant by affinity chromatography
UniProt ID	Q15116
Tested applications	ELISA, FC
Dilution range	ELISA 1:5000-10000; Flow Cyt 1:100
Antibody Type	Biosimilar Antibody

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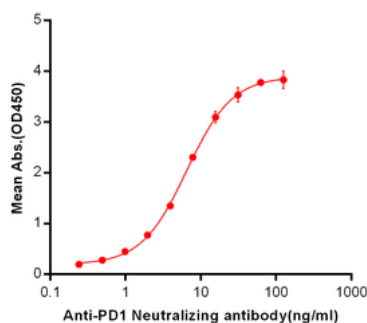
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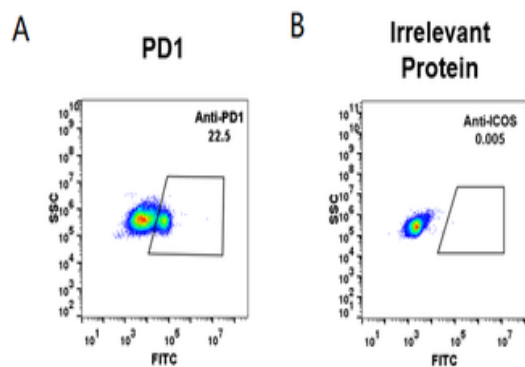
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- Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
- Note** For research use only
- Expiration Date** 12 months from date of receipt.

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



ELISA plate pre-coated by 2 µg/ml (100 µL/well) Human PD1, mFc-His tagged protein orb689386 can bind Anti-PD-1 Neutralizing antibody in a linear range of 0.24-6.49 ng/ml.



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-human IgG secondary antibody.

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