

Product Datasheet

PD-1 Antibody - Humanized, IgG4SP, (Research Grade pembrolizumab Biosimilar) - Low Endotoxin, Azide and BSA Free

NBP3-28113-100ug

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

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NBP3-28113-100ug

PD-1 Antibody - Humanized, IgG4SP, (Research Grade pembrolizumab Biosimilar) - Low Endotoxin, Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C in powder form. Store at -80C once reconstituted.
Clonality	Monoclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.
Isotype	IgG4
Purity	Protein A purified
Buffer	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

Product Description

Description	The heavy chain type is huIgG4SP, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa. Also known as 'pembrolizumab'. IgG4SP is human IgG4 with S228P mutation. This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.
Host	Human
Gene ID	5133
Gene Symbol	PDCD1
Species	Human
Reactivity Notes	Predicted species reactivity: Cynomolgus, Rhesus
Immunogen	PDCD1 / PD-1 / CD279
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

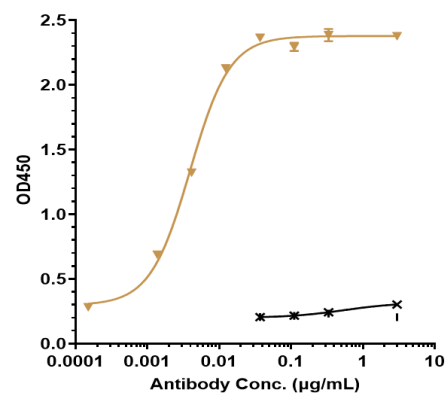
Product Application Details

Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

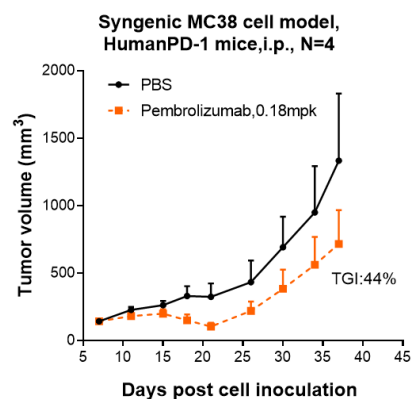


Images

Immobilized human PD-1 His at 2 ug/mL can bind PD-1 Antibody (pembrolizumab) - Humanized, IgG4SP, EC50=0.0039 ug/mL.



Pembrolizumab inhibited the tumor growth of MC38 on human PD-1 mice. The result showed significant anti-tumor effects, with a tumor inhibition rate (TGI) of 44.0% at 0.18 mpk at D37.





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Products Related to NBP3-28113-100ug

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH04P-100	Human IgG4 Isotype Control
NBP1-77276PEP	PD-1 Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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