

Product Datasheet

Anti-PDCD1 / PD-1 / CD279 Reference Antibody (pembrolizumab) (orb1818241)

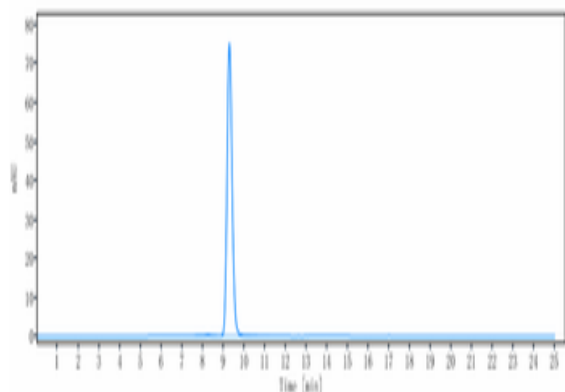
Catalog Number	orb1818241
Description	Recombinant Antibody
Reactivity	Human, Monkey
Endotoxins	< 0.001EU/μg,determined by LAL method.
Conjugation	Unconjugated
Tested Applications	ELISA, FC
Form/Appearance	Purified monoclonal antibody supplied in PBS, pH 6.0, without preservative.This antibody is purified through a protein A column.
Concentration	1mg/ml
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
Protein Sequence	PDCD1 / PD-1 / CD279
Isotype	IgG4SP
Clonality	Monoclonal
Antibody Type	Primary Antibody
MW	143.44
Uniprot ID	Q15116
Expiration Date	12 months from date of receipt.

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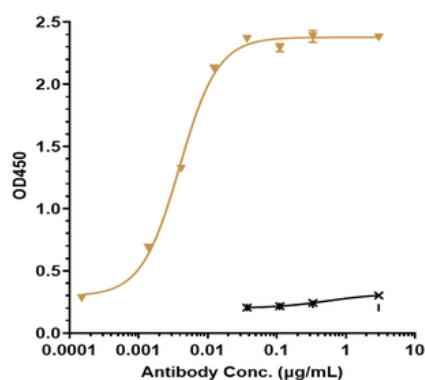
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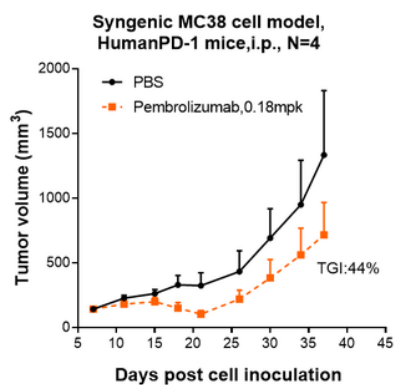
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The purity of Anti-PDCD1 / PD-1 / CD279 Reference Antibody (pembrolizumab) is more than 95%, determined by SEC-HPLC.



Immobilized human PD 1 His at 2 µg/mL can bind Anti-PDCD1 / PD-1 / CD279 Reference Antibody (pembrolizumab),
EC50=0.0039 µg/mL



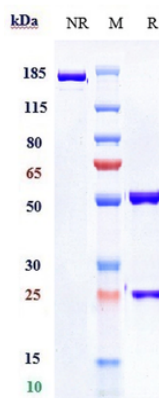
Pembrolizumab inhibited the tumor growth of MC38 on human PD-1 mice. The result showed significant anti-tumor effects, with an tumor inhibition rate (TGI) of 44.0% at 0.18 mpk at D37.

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Anti-PDCD1 / PD-1 / CD279 Reference Antibody
(pembrolizumab) on SDS-PAGE under reducing (R) condition.
The gel was stained with Coomassie Blue. The purity of the
protein is greater than 95%

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