

PDCD1/PD-1/CD279 recombinant antibody

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296946	CHO Cell	Human, Cynomolgus	Functional Assay, Flow Cytometry, Functional Assay, ELISA

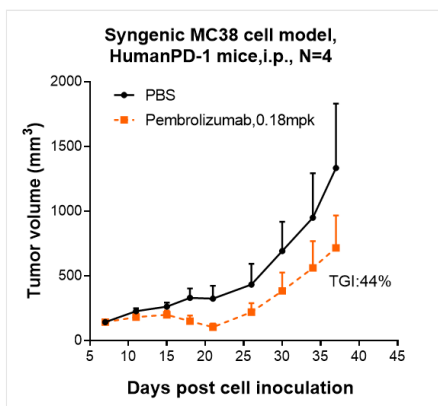
PRODUCT SYNONYMS

PDCD1/PD-1/CD279; Monoclonal Recombinant Antibody; Anti-PDCD1/PD-1/CD279 Reference Antibody (pembrolizumab); PDCD1/PD-1/CD279 recombinant antibody

PRODUCT SPECIFICATIONS

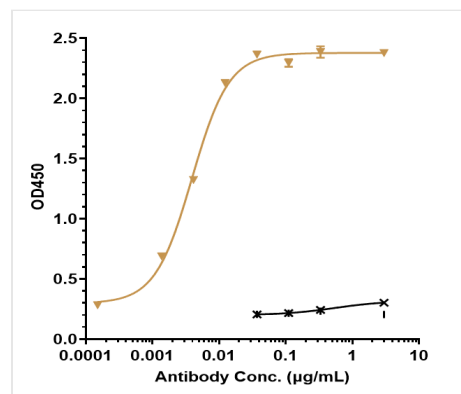
Host	CHO Cell
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	IgG4SP
Specificity	PDCD1/PD-1/CD279
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for PDCD1/PD-1/CD279 recombinant antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



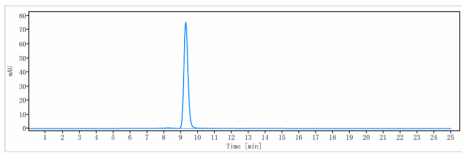
Application Data

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.



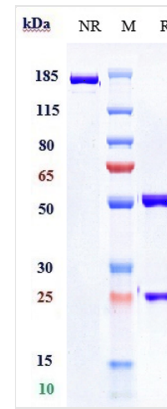
Application Data

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



Application Data

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



SDS-PAGE

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%

ADDITIONAL INFORMATION

Product Categories/Family for
PDCD1/PD-1/CD279 recombinant
antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	145559515
NCBI GeneID	5133
UniProt Accession #	Q15116; O00517; Q8IX89
Molecular Weight	31,647 Da
NCBI Official Full Name	Programmed cell death protein 1
NCBI Official Synonym Full Names	programmed cell death 1
NCBI Official Symbol	PDCD1
NCBI Official Synonym Symbols	PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1
NCBI Protein Information	programmed cell death protein 1
UniProt Protein Name	Programmed cell death protein 1
UniProt Gene Name	PDCD1
UniProt Synonym Gene Names	PD1; Protein PD-1; hPD-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pdcd1-pd-1-cd279-recombinant-antibody-functional-assay-flow-cytometry-elisa/296946>