

Humanized anti-Human Pembrolizumab Monoclonal Antibody | anti-PD-1 antibody

Pembrolizumab Biosimilar - Research Grade

CATALOG # AAA197052	HOST Humanized	REACTIVITY Human
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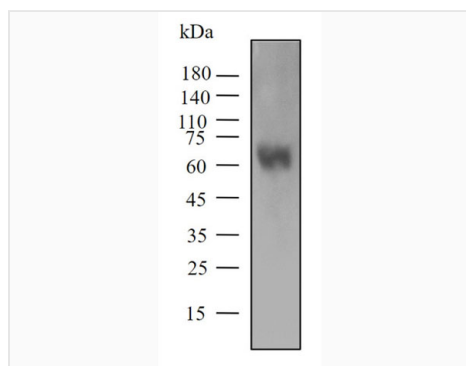
PRODUCT SYNONYMS

Pembrolizumab; Monoclonal Antibody; Pembrolizumab Biosimilar - Research Grade; Programmed cell death protein 1; Pdcd1; CD279; anti-PD-1 antibody

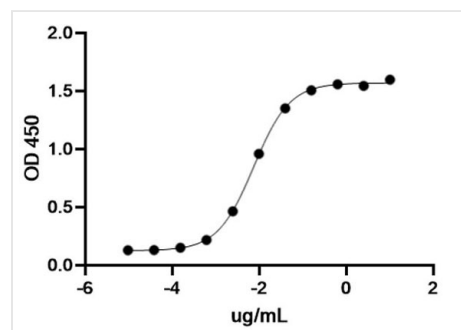
PRODUCT SPECIFICATIONS

Host	Humanized
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4 kappa
Specificity	Detects human PD-1. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Pembrolizumab.
Purity/Purification	>95% by SDS-PAGE and HPLC This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Form/Format	Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.
Concentration	1.0-5.0mg/ml (varies by lot)
Endotoxin	<= 0.75 EU/mg as determined by the LAL method
Preparation and Storage	Stable for at least one week when stored sterile at 2-8 degree C. For long term storage aseptically aliquot in working volumes without diluting and store at -80 degree C. Avoid Repeated Freeze Thaw Cycles.

IMAGES



WB (Western Blot)



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-PD-1 antibody	Pembrolizumab biosimilar is a humanized monoclonal antibody that blocks the interaction between PD-1 and its ligands, PD-L1 and PD-L2. It is an IgG4 kappa immunoglobulin with an approximate molecular weight of 149 kDa.
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Product Categories/Family for anti-PD-1 antibody	Low endotoxin; biosimilar antibody
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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/pembrolizumab-antibody-elisa/197052>