

B7-H1/PD-L1/CD274 recombinant antibody

Anti-B7-H1/PD-L1/CD274 Reference Antibody (avelumab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296904	CHO Cell	Human, Mouse, Cynomolgus, Dog, Rat, Rabbit	Functional Assay, Flow Cytometry, Functional Assay, ELISA

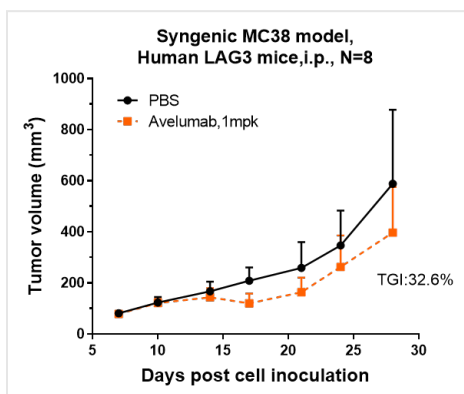
PRODUCT SYNONYMS

B7-H1/PD-L1/CD274; Monoclonal Recombinant Antibody; Anti-B7-H1/PD-L1/CD274 Reference Antibody (avelumab); B7-H1/PD-L1/CD274 recombinant antibody

PRODUCT SPECIFICATIONS

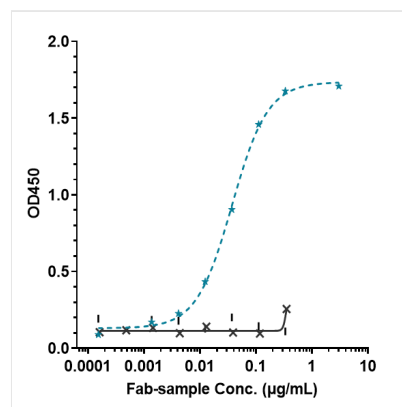
Host	CHO Cell
Reactivity	Human, Mouse, Cynomolgus, Dog, Rat, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Specificity	B7-H1/PD-L1/CD274
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for B7-H1/PD-L1/CD274 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



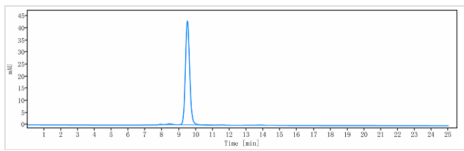
Application Data

Avelumab inhibited the tumor growth of MC38 on hLAG3 mice. The result showed significant anti-tumor effects, with an tumor inhibition rate (TGI) of 32.6% at 1 mpk at D28.



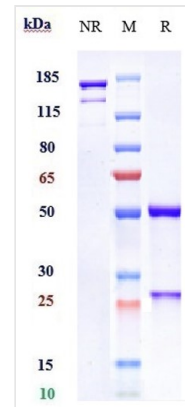
Application Data

Immobilized human PD L1 FC at 2 ug/mL can bind Anti-B7-H1 / PD-L1 / CD274 Reference Antibody (avelumab), EC50=0.03725ug/mL



Application Data

The purity of Anti-B7-H1 / PD-L1 / CD274 Reference Antibody (avelumab) is more than 98.22%, determined by SEC-HPLC.



SDS-PAGE

Anti-B7-H1 / PD-L1 / CD274 Reference Antibody (avelumab) 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 B7-H1/PD-L1/CD274 recombinant antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	390979639
NCBI GeneID	29126
NCBI Accession #	NP_001254635.1
NCBI GenBank Nucleotide #	NM_001267706.1
UniProt Accession #	Q9NZQ7; Q14CJ2; Q2V8D5; Q66RK1; Q6WEX4; Q9NUZ5; B2RBA2; B4DU27
Molecular Weight	33,275 Da
NCBI Official Full Name	programmed cell death 1 ligand 1 isoform b
NCBI Official Synonym Full Names	CD274 molecule
NCBI Official Symbol	CD274
NCBI Official Synonym Symbols	B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1
NCBI Protein Information	programmed cell death 1 ligand 1; B7 homolog 1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1
UniProt Protein Name	Programmed cell death 1 ligand 1
UniProt Gene Name	CD274
UniProt Synonym Gene Names	B7H1; PDCD1L1; PDCD1LG1; PDL1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1
UniProt Entry Name	PD1L1_HUMAN

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/b7-h1-pd-l1-cd274-recombinant-antibody-functional-assay-flow-cytometry-elisa/296904>