

Programmed Cell Death 1 Ligand 1 Active Protein | Cd274 active protein

Recombinant Mouse Programmed Cell Death 1 Ligand 1 Protein

CATALOG #
AAA174604

HOST
HEK293 Cells

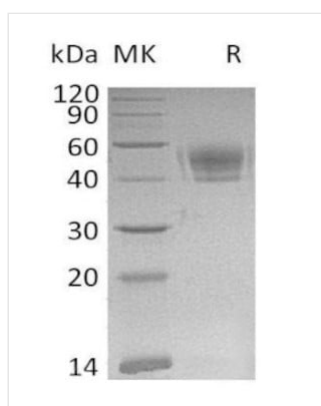
PRODUCT SYNONYMS

Programmed Cell Death 1 Ligand 1; Recombinant Mouse Programmed Cell Death 1 Ligand 1 Protein; Programmed cell death 1 ligand 1Cd274; programmed cell death 1 ligand 1; PD-L1; PDCD1 ligand 1; programmed death ligand 1; B7 homolog 1; B7-H1; CD274; Cd274 active protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence Length	290
Species	Mouse
Endotoxin	<1.0 EU per mug as determined by LAL test.
Sequence	Phe19-Thr238
Tag	C-His
Bio-activity	Immobilized Anti-Human PDL1 mAb-Fc at 2 ug/ml (100 ul/well) can bind Mouse PD-L1-His. The ED50 of Mouse PD-L1-His is 23.35 ng/ml.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months.

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for Cd274 active protein	Mouse Programmed cell death 1 ligand 1(Cd274,PD-L1), is a member of the growing B7 family of immune proteins.It involved in the costimulatory signal essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production.B7-H1 has been identified as one of two ligands for programmed death1 (PD1), a member of the CD28 family of immunoreceptors. B7-H1 is constitutively expressed in several organs such as heart, skeletal muscle B7-H1 expression is upregulated in a small fraction of activated T and B cells and a much larger fraction of activated monocytes. The costimulatory function of B7-H1 is critical for enhancing maturation and differentiation of T-cells in lymphoid organs.B7-H1 expression is also induced in dendritic cells and keratinocytes after IFN gamma stimulation. Interaction of B7-H1 with PD1 results in inhibition of TCR-mediated proliferation and cytokine production. The B7-H1:PD1 pathway is involved in the negative regulation of some immune responses and may play an important role in the regulation of peripheral tolerance.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11230798
NCBI GeneID	60533
NCBI Accession #	NP_068693.1
NCBI GenBank Nucleotide #	NM_021893.3
UniProt Accession #	Q9EP73
Molecular Weight	Molecular Mass: 25.6kDa Actual Protein Molecular Mass: 39-58kDa
NCBI Official Full Name	programmed cell death 1 ligand 1
NCBI Official Synonym Full Names	CD274 antigen
NCBI Official Symbol	Cd274
NCBI Official Synonym Symbols	B7h1; Pdl1; Pdccl1l1; Pdccl1lg1; A530045L16Rik
NCBI Protein Information	programmed cell death 1 ligand 1
UniProt Protein Name	Programmed cell death 1 ligand 1
UniProt Gene Name	Cd274
UniProt Synonym Gene Names	B7h1; Pdccl1l1; Pdccl1lg1; Pdl1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1

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://www.aaabiotech.com/hek293-active-protein/programmed-cell-death-1-ligand-1/174604>