

CD274, mouse recombinant protein**CD274 antigen, A530045L16Rik, B7h1, Pdcd1l1, Pdcd1lg1, Pdl1****Catalog # PBV10935r****Specification****CD274, mouse recombinant protein - Product info**

Primary Accession	Q9EP73
Concentration	1
Calculated MW	27.6 kDa (246 aa, 19-239 aa + His tag), confirmed by MALDI-TOF. kDa

CD274, mouse recombinant protein - Additional Info

Gene ID	60533
Gene Symbol	CD274
Other Names	
CD274 antigen, A530045L16Rik, B7h1, Pdcd1l1, Pdcd1lg1, Pdl1	
Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; ≥85%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHM RASLPKDQLL KGNAALQITD VKLQDAGVYC CIISYGGADY KRITLKVNP YRKINQRISV DPATSEHELI CQAEGYPEAE VIWTNSDHQP FTITA PKDLYVVEYG SNVTMECRFP VERELDLLAL VVYWEKEDEQ VIQFVAGEED LKPQHSNFRG VSGKRSVTTS RTEGMLLNVT SSLRVNATAN DVFYCTFWRS QPGQNHTAEL IPELPATHP PQNRTH

Target/Specificity

CD274

Format

Liquid

Storage

-80°C; 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl and 10% glycerol.

CD274, mouse recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD274, mouse recombinant protein - Images**CD274, mouse recombinant protein - Background**

CD274, also known as programmed cell death 1 ligand 1(PDCD1L1), is involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PDCD1-independent manner. This protein interacts with PDCD1 inhibits T-cell proliferation and cytokine production. Recombinant mouse CD274 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

CD274, mouse recombinant protein - References

Freeman G.J.,et al.J. Exp. Med. 192:1027-1034(2000).
Tamura H.,et al.Blood 97:1809-1816(2001).
Latchman Y.,et al.Nat. Immunol. 2:261-268(2001).
Wang S.,et al.J. Exp. Med. 197:1083-1091(2003).