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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 KRITLKVNAP YRKINQRISV DPATSEHELI CQAEGYPEAE VIWTNSDHQP FTITA PKDLYVVEYG SNVTMECRFP VERELDLLAL VVYWEKEDEQ VIQFVAGEED LKPQHSNFRG VSGKRSVTTS RTEGMLLNVT SSLRVNATAN DVFYCTFWRS QPGQNHTAEL IIPELPATHP 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 Cytomety
- 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).