

## Recombinant Mouse CD274 Protein

Catalog #	Source	Reactivity	Applications
CRP1216	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse CD274 Protein is produced by our mammalian expression system and the target gene encoding Phe19-Thr238 is expressed with a Fc tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	CD274		
<b>Alternative Names</b>	B7H1; PDCD1L1; PDCD1LG1; PDL1; Programmed cell death 1 ligand 1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7 homolog 1; B7-H1; CD274		
<b>Entrez Gene</b>	60533 (Mouse)		
<b>SwissProt</b>	Q9EP73 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>FTITAPKDLY VVEYGSNVTM ECRFPVEREL DLLALVVYWE KEDEQVIQFV AGEEDLKPQH            SNFRGRASLP KDQLLKGNAA LQITDVKLQD AGVYCCIISY GGADYKRITL KVNAPYRKIN            QRISVDPATS EHELICQAEG YPEAEVIWTN SDHQPVSGKR SVTTSRTEGM LLNVTSSLRV            NATANDVFCY TFWRSQPGQN HTAELIPEL PATHPPQNRT VDDIEGRMDE PKSCDKTHTC            PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN            AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP            QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPPP VLDSGDGSFFL            YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the		
<p><b>Application key:</b> E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference</p> <p><b>Species reactivity key:</b> H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish</p>			

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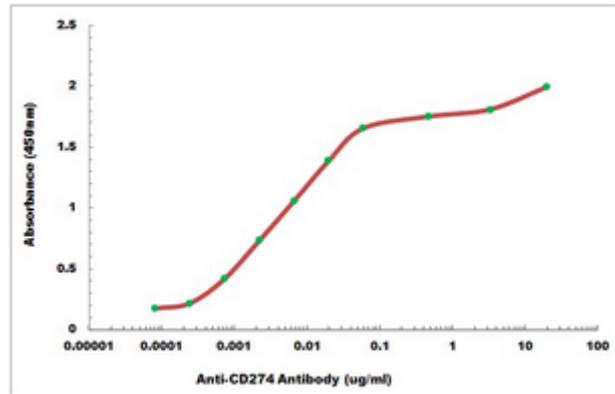
# Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

## Bioactivity



Immobilized Recombinant Mouse CD274 Protein at 2 µg/ml (100 µl/well) can bind Anti-CD274 antibody. The ED50 of Anti-CD274 antibody is 0.008 µg/ml.

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