

	<h2>PD-L1/B7-H1/CD274</h2>	<div>E 2 1 J 8 8</div>
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Altername:	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
Storage/Stability:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Background:	<p>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</p> <p>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</p>

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	negative regulation of some immune responses and may play an important role in the regulation of peripheral tolerance.
Species:	Mouse
Reconstitution:	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 lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Purity:	Greater than 95% as determined by reducing SDS-PAGE.
Description:	Recombinant Mouse Programmed Cell Death 1 Ligand 1 is produced by our Mammalian expression system and the target gene encoding Phe19-Thr238 is expressed with a 6His tag at the C-terminus.
Product State:	Lyophilized
Ship Description:	The product is shipped at ambient temperature.
Formulation:	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Expression system:	Human cells