

## Active Recombinant Mouse CD274 Protein, MlgG2a mFc-tagged, FITC conjugated

Cat. No. CD274-188MF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CD274 [B7-H1] Protein extracellular domain (NP_068693.1, 19-237aa), was expressed in CHO cell with N-terminal mouse IgG2a Fc tag and FITC conjugate.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	19-237 aa
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated mouse T cells.
<b>Molecular Mass</b>	53 kDa
<b>AA Sequence</b>	Phe19-Arg237
<b>Endotoxin</b>	< 0.06 EU/ µg as determined by LAL test.
<b>Purity</b>	≥98 % by SDS-PAGE under reducing conditions.
<b>Characteristic</b>	Disulfide-linked homodimer

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	<p>Labeled with FITC via amines</p> <p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p>
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.
<b>Concentration</b>	100 µg/mL
<b>Storage Buffer</b>	Lyophilized from 0.2 µm filtered solution in PBS.
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in sterile PBS.
<b>Conjugation</b>	FITC
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Cd274 CD274 antigen [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">CD274</a>
<b>Synonyms</b>	CD274; CD274 antigen; programmed cell death 1 ligand 1; B7 homolog 1; PDCD1 ligand 1; programmed death ligand 1; B7h1; Pdl1; Pdc111; Pdc11g1; A530045L16Rik;
<b>Gene ID</b>	<a href="#">60533</a>
<b>mRNA Refseq</b>	<a href="#">NM_021893</a>
<b>Protein Refseq</b>	<a href="#">NP_068693</a>

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