

Active Recombinant Mouse CD274 Protein, MlgG2a mFc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD274-188MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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 Alexa Fluor 555 conjugate.
Species	Mouse
Source	CHO
ProteinLength	19-237 aa
Form	Lyophilized
Bio-activity	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated mouse T cells.
Molecular Mass	53 kDa
AA Sequence	Phe19-Arg237
Endotoxin	< 0.06 EU/ µg as determined by LAL test.
Purity	≥98 % by SDS-PAGE under reducing conditions.
Characteristic	Disulfide-linked homodimer

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Labeled with Alexa Fluor 555 via amines

With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

Stability

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.

Concentration

100 µg/mL

Storage Buffer

Lyophilized from 0.2 µm filtered solution in PBS.

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

[Cd274 CD274 antigen \[Mus musculus \]](#)

Official Symbol

[CD274](#)

Synonyms

CD274; CD274 antigen; programmed cell death 1 ligand 1; B7 homolog 1; PDCD1 ligand 1; programmed death ligand 1; B7h1; Pdl1; Pdcd1l1; Pdcd1lg1; A530045L16Rik;

Gene ID

[60533](#)

mRNA Refseq

[NM_021893](#)

Protein Refseq

[NP_068693](#)

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