

Recombinant Mouse Cd274 Protein, Fc/His-tagged, Alexa Fluor 647 conjugated

Cat. No. Cd274-593MAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd274 Protein extracellular domain (NP_068693.1, 1-238aa), was expressed in Human Cell with C-terminal His-tagged human IgG1 Fc tag and Alexa Fluor 647 conjugate.
Species	Mouse
Source	HEK293
ProteinLength	1-238 aa
Form	Lyophilized
Molecular Mass	The recombinant mouse PD-L1/Fc is a disulfide-linked homodimeric protein after proteolytic removal of the signal peptide. The reduced monomer consists of 468 amino acids and predicts a molecular mass of 52.8 kDa. As a result of glycosylation, the apparent molecular mass of rm PD-L1/Fc monomer is approximately 65-75 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 647
GENE INFORMATION	
Gene Name	Cd274 CD274 antigen [Mus musculus]
Official Symbol	Cd274
Gene ID	60533
mRNA Refseq	NM_021893
Protein Refseq	NP_068693

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