Recombinant Human CD274 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD274-2142HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B7H1 (CD274) Protein extracellular domain, was expressed in mammalian cells with C-terminal murine IgG1 Fc tag and Alexa Fluor 555 conjugate (contains 493 amino acids; predicted MW: 56.06 KD×2 (dimer); 13 cysteines (6 in Fc); 4 N-link glycosylation sites, MW increase up to 20 KD×2 (dimer)).
Species	Human
Source	Mammalian Cells
Description	B7-H1 is a third member of the B7 family. It co-stimulates T-cell proliferation and interleukin-10 secretion. CD274 (Cluster of Differentiation 274) also known as PD-L1 (Programed Death Ligand-1) or B7-H1 is a protein which in humans is encoded by the CD274 gene.
Purity	> 90 %
Characteristic	Disulfide-linked homodimer 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.
Storage	At -70 centigrade.

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Conjugation	Alexa Fluor 555

GENE INFORMATION

Gene Name	CD274 CD274 molecule [Homo sapiens]
Official Symbol	CD274
Synonyms	CD274; CD274 molecule; B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1; MGC142294; MGC142296; programmed cell death 1 ligand 1; CD274 antigen; Programmed cell death 1 ligand 1; Programmed death ligand 1; PDCD1 ligand 1; B7 homolog 1; OTTHUMP00000021029
Gene ID	29126
mRNA Refseq	NM_014143
Protein Refseq	NP_054862
MIM	605402
UniProt ID	Q9NZQ7

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