

Recombinant Rat Cd274 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Cd274-561RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd274 Protein (NP_001178883.1, 1-238aa), was expressed in HEK293 with C-terminal human IgG1 Fc tag and Alexa Fluor 555 conjugate.
Species	Rat
Source	HEK293
ProteinLength	1-238 aa
Form	Lyophilized
Molecular Mass	The recombinant rat CD274/Fc is a disulfide-linked homodimer. The reduced monomer comprises 459 amino acids and has a predicted molecular mass of 51.8 kDa. The apparent molecular mass of the protein is approximately 73.2 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TRITC/Cy3 filters.

Stability

Samples are stable for up to 12 months from date of receipt at -70 centigrade.

Storage

Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Lyophilized from sterile PBS, pH7.4.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

[Cd274](#) [CD274 molecule \[Rattus norvegicus \]](#)

Official Symbol

[Cd274](#)

Synonyms

CD274; CD274 molecule; programmed cell death 1 ligand 1; Pdcd1lg1;
RGD1566211;

Gene ID

[499342](#)

mRNA Refseq

[NM_001191954](#)

Protein Refseq

[NP_001178883](#)

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