

Datasheet for ABIN7320964
PDCD1LG2 Protein (Fc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	PDCD1LG2
Origin:	Cynomolgus
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDCD1LG2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Cynomolgus PD-L2/B7-DC/CD273 Protein (Fc Tag)
Sequence:	Leu20-Pro219
Characteristics:	Recombinant Cynomolgus PD-L2 is produced by our Mammalian expression system and the target gene encoding Leu20-Pro219 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PDCD1LG2
Alternative Name:	PD-L2/B7-DC/CD273 (PDCD1LG2 Products)
Background:	Background: Programmed Cell Death 1 Ligand 2 (PDCD1LG2) is a member of the BTN/MOG family. PDCD1LG2 contains one Ig-like C2-type domain and one Ig-like V-type domain. PDCD1LG2 is highly expressed in the heart, placenta, pancreas, lung and liver, it is weakly

Target Details

expressed in the spleen, lymph nodes, and thymus. PDCD1LG2 is involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. PDCD1LG2 interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production.

Synonym: Programmed Cell Death 1 Ligand 2, PD-1 Ligand 2, PD-L2, PDCD1 Ligand 2, Programmed Death Ligand 2, Butyrophilin B7-DC, B7-DC, CD273, PDCD1LG2, B7DC, CD273, PDCD1L2, PDL2

Molecular Weight: 49.5 kDa

UniProt: [A4GW30](#)

Application Details

Restrictions: For Research Use only

Handling

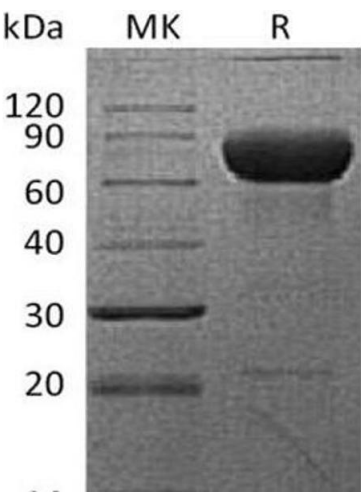
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.