

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

37-1368: Mouse B7-DC / PD-L2 / CD273 Recombinant Protein (Fc Tag)(Discontinued)

Reactivity: Mouse

Alternative Name: B7-DC Protein, Mouse; Btdc Protein, Mouse; F730015O22Rik Protein, Mouse; PD-L2 Protein, Mouse

Description

Source: HEK293 Cells

Programmed death ligand 2 (PD-L2), also referred to as B7-DC and CD273, is a member of the B7 family of proteins including B7-1, B7-2, B7-H2, B7-H1 (PD-L1), and B7-H3. PD-L2 is a type I membrane protein and structurally consists of an extracellular region containing one V-like and one C-like Ig domain, a transmembrane region, and a short cytoplasmic domain. PD-L2 is expressed on antigen presenting cells, placental endothelium and medullary thymic epithelial cells, and can be induced by LPS in B cells, INF-γ in monocytes, or LPS plus IFN-γ in dendritic cells. The CD28 and B7 protein families are critical regulators of immune responses. PD-L2 and PD-L1 are two ligands for PD-1, member of the CD28/CTLA4 family expressed on activated lymphoid cells, and thus provide signals for regulating T cell activation and immune tolerance. The interaction of B7-DC/PD-1 exhibited a 2-6-fold higher affinity compared with the interaction of B7-H1/PD-1. Cancer Immunotherapy Co-inhibitory Immune Checkpoint Targets Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: WB Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immunotherapy Targeted Therapy

Product Info

Amount: L2 / CD273 Recombinant Protein (Fc Tag)(Discontinued) / 200 µg

Purification: > 95 % as determined by SDS-PAGE

Formulation Lyophilized from sterile PBS, pH 7.4

Content: Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before

lyophilization.

Storage condition:

Storage condition:

Storage condition:

Storage condition:

for optimal storage. Avoid repeated freeze-thaw cycles.

Amino Acid: Met1-Arg219

Application Note

1. Measured by its binding ability in a functional ELISA. 2. Immobilized human PD1-His at 10 ${\rm \hat{A}\mu E/mL}$ (100 ${\rm \hat{A}\mu E/mL}$) can bind mouse PD-L2-Fc, The EC50 of mouse PD-L2-Fc is 0.95 ${\rm \hat{A}\mu g/mL}$.

Endotoxin :< 1.0 EU per µg of the protein as determined by the LAL method

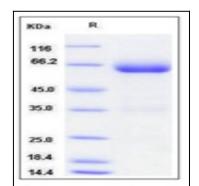


Fig 1: Mouse B7-DC / PD-L2 / CD273 Recombinant Protein (Fc Tag)