9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

37-1159: Mouse PD-L1 / B7-H1 / CD274 Recombinant Protein (ECD, Fc Tag)(Discontinued)

Reactivity : Mouse

Alternative Name : A530045L16Rik Protein, Mouse; B7h1 Protein, Mouse; Pdcd1l1 Protein, Mouse; Pdcd1lg1 Protein, Mouse; Pdl1 Protein, Mouse

Description

Source : HEK293 Cells

Programmed death-1 ligand-1 (PD-L1, CD274, B7-H1) has been identified as the ligand for the immunoinhibitory receptor programmed death-1(PD1/PDCD1) and has been demonstrated to play a role in the regulation of immune responses and peripheral tolerance. PD-L1/B7-H1 is a member of the growing B7 family of immune molecules and this protein contains one V-like and one C-like Ig domain within the extracellular domain, and together with PD-L2, are two ligands for PD1 which belongs to the CD28/CTLA4 family expressed on activated lymphoid cells. By binding to PD1 on activated T-cells and B-cells, PD-L1 may inhibit ongoing T-cell responses by inducing apoptosis and arresting cell-cycle progression. Accordingly, it leads to growth of immunogenic tumor growth by increasing apoptosis of antigen specific T cells and may contribute to immune evasion by cancers. PD-L1 thus is regarded as promising therapeutic target for human autoimmune disease and malignant cancers. Cancer Immunotherapy Co-inhibitory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Blockade: Blocking Antibodi Immune Checkpoint Blockade: PD-L1 / B7-H1 / C Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: ICC Antibodies Immune Checkpoint Detection: IHC Antibodies Immune Checkpoint Detection: WB Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immunotherapy PD-L1 / B7-H1 / CD274 Immune Checkpoint Prote Targeted Therapy

Product Info

Amount :	H1 / CD274 Recombinant Protein (ECD, Fc Tag)(Discontinued) / 200 µg
Purification :	> 95 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Met1-His239

Application Note

1.Measured by its binding ability in a functional ELISA. 2.Immobilized human PD1-His at 10ÃÂµg/mL (100ÃÂµL/well) can bind mouse CD274-Fc, the EC50 of mouse CD274-Fc is 0.1-0.6ÃÂµg/mL.
Endotoxin :< 1.0 EU per ÃÂµg protein as determined by the LAL method.

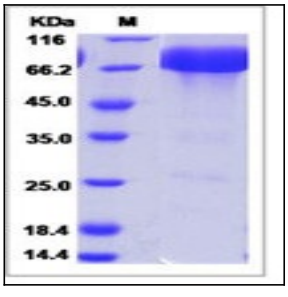


Fig 1: Mouse PD-L1 / B7-H1 / CD274 Recombinant Protein (ECD, Fc Tag)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.