

For Research Use Only

Anti-Mouse CD274 (PD-L1, B7-H1) (10F.9G2)



Catalog Number: 65073-1-Ig

Basic Information

Catalog Number: 65073-1-Ig	GenBank Accession Number: BC066841	Purification Method: Affinity purification
Size: 500ug, 0.5 mg/ml	GeneID (NCBI): 60533	CloneNo.: 10F.9G2
Source: Rat	UNIPROT ID: Q9EP73	
Isotype: IgG2b, kappa	Full Name: CD274 antigen	

Applications

Tested Applications:
FC

Species Specificity:
Mouse

Background Information

Programmed cell death ligand 1 (PD-L1, CD274, or B7-H1), is the first member of B7 family to be discovered. B7 family molecules are type I transmembrane proteins belonging to the immunoglobulin superfamily. In concert with their CD28 family receptors, the B7s are key regulators of the adaptive immune response. PD-L1 is suggested as a negative regulator of T and B cell, and plays important role in mediating tolerance of lymphocytes to self-antigens. It is also involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PD-1-independent manner.

Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

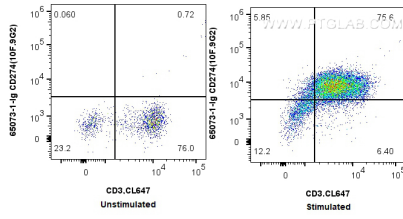
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ unstimulated or anti-CD3/CD28 stimulated (2 days) mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD274 (PD-L1, B7-H1) (65073-1-Ig, Clone:10F.9G2) and FITC-anti Rat IgG2b at dilution 1:100 and 0.5 ug CoraLite® Plus 647 Anti-Mouse CD3 (17A2) (CL647-65077, Clone: 17A2). Cells were not fixed.