

For Research Use Only

CoraLite® Plus 647 Anti-Human PD-L1 (B7-H1) (29E.2A3)



Catalog Number:CL647-65081

Basic Information

Catalog Number: CL647-65081	GenBank Accession Number: BC069381	Purification Method: Affinity purification
Size: 100tests, 5 µ l/test	GeneID (NCBI): 29126	CloneNo.: 29E.2A3
Source: Mouse	UNIPROT ID: Q9NZQ7	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG2b	Full Name: CD274 molecule	

Applications

Tested Applications:
FC

Species Specificity:
Human

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. Avoid exposure to light.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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

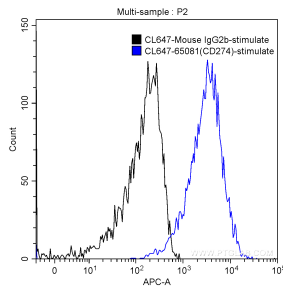
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ PHA-stimulated (5 ug/ml, 3 days) human peripheral blood lymphocytes were surface stained with 5 ul CoraLite® Plus 647 Anti-Human PD-L1 (B7-H1) (CL647-65081, Clone: 29E.2A3) (blue) or isotype control (black). Cells were not fixed.