

For Research Use Only

FcZero-rAb™ APC Anti-Human PD-L1/CD274 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98062



Basic Information

Catalog Number: APC-FcA98062	GenBank Accession Number: BC074984	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 29126	CloneNo.: 240721H8
Source: Rabbit	Full Name: CD274 molecule	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
Isotype: IgG	Calculated MW: 290 aa, 33 kDa	

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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

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

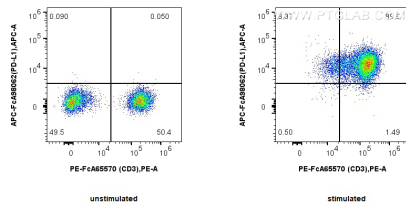
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ PHA treated (right) or untreated (left) human PBMCs were surface stained with FcZero-rAb™ PE Anti-Human CD3 and 5 ul FcZero-rAb™ APC Anti-Human PD-L1/CD274 Rabbit RecAb (APC-FcA98062, Clone: 240721H8). Cells were not fixed.