

For Research Use Only

APC Anti-Human PD-L1 (B7-H1) (29E.2A3)



Catalog Number: APC-65081

6 Publications

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
APC-65081	BC069381	Affinity purification
Size:	GeneID (NCBI):	CloneNo.:
100tests , 5 µl/test	29126	29E.2A3
Source:	Full Name:	Excitation/Emission maxima wavelengths:
Mouse	CD274 molecule	650 nm / 660 nm
Isotype:		
IgG2b, kappa		

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
Human

Cited Species:
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.

Notable Publications

Author	Pubmed ID	Journal	Application
Qing Zhang	35765095	Stem Cell Res Ther	FC
Ying Zhan	36038663	Oncogene	FC
Qing Zhang	38128708	Cell Signal	FC

Storage

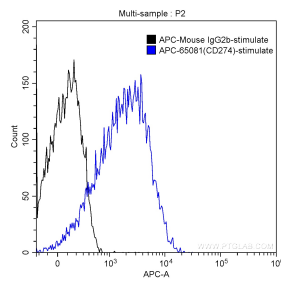
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



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