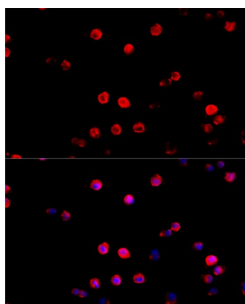


Programmed Cell Death 1 Ligand 1 (CD274) Antibody

Catalogue No.: abx001385



Immunofluorescence analysis of RAW264.7 cells using PD-L1 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

Programmed Cell Death 1 Ligand 1 Antibody is a Rabbit Polyclonal antibody against PD-L1 (CD274). Programmed cell death ligand 1 (CD274, or B7-H1, PD-L1) 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. CD274 is suggested a negative regulator of T and B cell, and play important role in mediating tolerance of lymphocytes to self-antigens. It also involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PDCD1-independent manner.

Target:	Programmed Cell Death 1 Ligand 1 (CD274)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IF/ICC
Host:	Rabbit
Recommended dilutions:	IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human PD-L1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9NZQ7 (UniProt , ExPASy)

Datasheet

Version: 4.0.0
Revision date: 18 Apr 2025



Gene Symbol: CD274

GeneID: [29126](#)

NCBI Accession: NP_054862.1

String: [9606.ENSP00000370989](#)

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only