

# PD-L2/CD273 Polyclonal antibody

Catalog Number: 18251-1-AP

14 Publications

## Basic Information

## Catalog Number:

18251-1-AP

## Size:

400 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG13039

## GenBank Accession Number:

BC074766

## GeneID (NCBI):

80380

## UNIPROT ID:

Q9BQ51

## Full Name:

programmed cell death 1 ligand 2

## Calculated MW:

273 aa, 31 kDa

## Observed MW:

40-50 kDa, 28 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:2000

## Applications

## Tested Applications:

WB, ELISA

## Cited Applications:

WB, IHC

## Species Specificity:

human, mouse, rat

## Cited Species:

human, mouse

## Positive Controls:

WB : NIH/3T3 cells, mouse heart tissue, HepG2 cells, RAW 264.7 cells

## Background Information

Programmed cell death ligand 2 (PD-L2, also known as CD273, or B7-DC), is one of the B7 family molecules which are type I transmembrane proteins belonging to the immunoglobulin superfamily. PD-L2 was identified both by its homology to PD-L1 and by analysis of genes differentially expressed in libraries generated from dendritic cells (DC) and activated macrophages (PMID: 14515254). PD-L2 is a second ligand for PD-1, a costimulatory molecule that plays an inhibitory role in regulating T cell activation in the periphery.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiu Liu	32969157	J Cell Mol Med	IHC
Qixia Xu	31493351	Aging Cell	WB, IHC
Xianlong Chen	36325339	Front Immunol	IHC

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

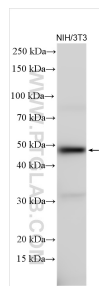
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 18251-1-AP (PD-L2/CD273 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.