

For Research Use Only

PD-L2/CD273 Polyclonal antibody

Catalog Number: 18251-1-AP

17 Publications



Basic Information

Catalog Number:

18251-1-AP

Concentration:

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

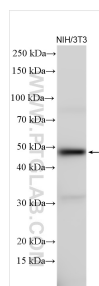
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

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.