

For Research Use Only

PD-L2/CD273 Polyclonal ANTIBODY



Catalog Number: 18251-1-AP

4 Publications

Basic Information

Catalog Number:
18251-1-AP

Size:
29 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG13039

GenBank Accession Number:
BC074766

GeneID (NCBI):
80380

Full Name:
programmed cell death 1 ligand 2

Calculated MW:
273aa, 31 kDa

Observed MW:
28 kDa

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : RAW 264.7 cells; HepG2 cells

IHC : human tonsillitis tissue; human skin tissue

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 (PMD: 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. Mouse PD-L2 has a predicted molecular weight of 28 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Qixia Xu	31493351	Aging Cell	WB, IHC
Zhi-Liang Wang	30713802	Oncoimmunology	IHC
Alberto Mussetti	31053880	Ann Hematol	IHC

Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

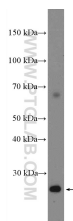
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

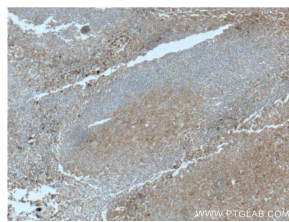
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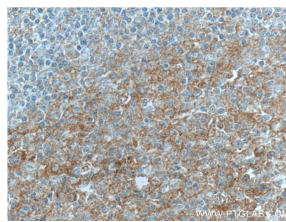
Selected Validation Data



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 18251-1-AP α PD-L2/CD273 antibody at dilution of 1:300 incubated at room temperature for 1.5 hours



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 18251-1-AP α PD-L2/CD273 antibody at dilution of 1:200 (under 10x lens), heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 18251-1-AP α PD-L2/CD273 antibody at dilution of 1:200 (under 40x lens), heat mediated antigen retrieved with Tris-EDTA buffer(pH9).