

For Research Use Only

# CoraLite® Plus 647 Anti-Mouse PD-L2/CD273 Rabbit Recombinant Antibody

Catalog Number: CL647-98241



## Basic Information

Catalog Number:

CL647-98241

Concentration:

100ug, 500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1842

GenBank Accession Number:

NM\_021396.2

GeneID (NCBI):

58205

UNIPROT ID:

Q9WUL5

Full Name:

programmed cell death 1 ligand 2

Calculated MW:

28kDa

Purification Method:

Protein A purification

CloneNo.:

241728D8

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : GM-CSF treated mouse splenocytes,

## 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.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

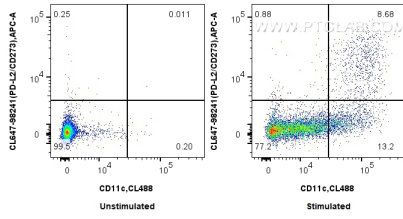
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> untreated or GM-CSF treated mouse splenocytes were surface stained with CoraLite® Plus 488 Anti-Mouse CD11c and 0.25 ug CoraLite® Plus 647 Anti-Mouse PD-L2/CD273 Rabbit RecAb (CL647-98241, Clone:241728D8). Cells were not fixed.