

For Research Use Only

FITC Plus Anti-Mouse PD-L2/CD273 Rabbit Recombinant Antibody

Catalog Number: FITC-98241



Basic Information

Catalog Number:

FITC-98241

Size:

100ug , 500 ug/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

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

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

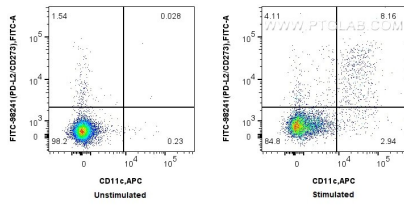
For technical support and original validation data for this product please contact:

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

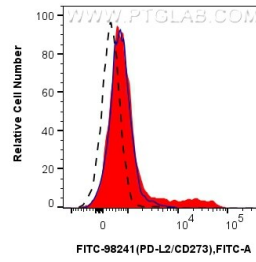
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ untreated or GM-CSF treated mouse splenocytes were surface stained with APC Anti-Mouse CD11c and 0.25 ug FITC Plus Anti-Mouse PD-L2/CD273 Rabbit RecAb (FITC-98241, Clone: 241728D8). Cells were not fixed.



1x10⁶ GM-CSF treated mouse splenocytes were surface stained with 0.25 ug FITC Plus Anti-Mouse PD-L2/CD273 Rabbit RecAb (FITC-98241, Clone: 241728D8) (red) or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). 1x10⁶ untreated mouse splenocytes were surface stained with 0.25 ug FITC Plus Anti-Mouse PD-L2/CD273 Rabbit RecAb (FITC-98241, Clone: 241728D8) (black, dashed). Cells were not fixed.