

A20270

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# PD-L1/CD274 Rabbit mAb

Catalog No.: A20270 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

33kDa

### Category

SMab Recombinant Monoclonal Antibody

### Applications

FC,ELISA,Inhibition

### Cross-Reactivity

Human

### CloneNo number

ARC5128-01

## Background

This gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells, such as T cells and B cells and various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

Elisa	1:500 - 1:2000
FC	1:50 - 1:200

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
29126	Q9NZQ7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human PD-L1/CD274 (Q9NZQ7)

### Synonyms

B7-H; B7H1; PDL1; PD-L1; hPD-L1; PDCD1L1; PDCD1LG1; PD-L1/CD274

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

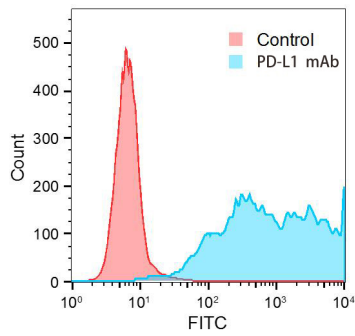
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	≥95% purity by SDS-PAGE

### Storage

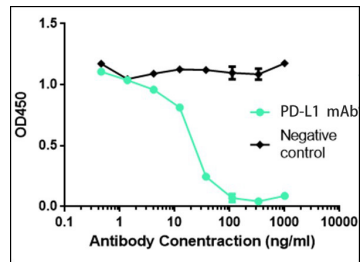
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Flow cytometry: PD-L1/CD274 expressing 293F cells were stained with control IgG or PD-L1/CD274 Rabbit mAb (A20270).  
Primary:PD-L1/CD274 Rabbit mAb (A20270) at 1:100 dilution  
Secondary:1:1000 goat anti-rabbit IgG FITC



1 $\mu$ g/mL of biotinylated PD-L1/CD274 protein was incubated with PD-L1/CD274 Rabbit mAb (A20270) or control mAb with serial dilution for 1 hour at RT. The mixture was added to ELISA plate coated with 1 $\mu$ g/mL of recombinant expressed PD-1. HRP-Streptavidin was used for biotinylated PD-L1/CD274 detection.