

# PE Rabbit anti-Human PD-L1/CD274 mAb

Catalog No.: A26692

## Basic Information

### Observed MW

**Calculated MW**  
33kDa

**Category**  
Primary antibody

**Applications**  
FC

**Cross-Reactivity**  
Human

**CloneNo number**  
ARC5128-01

**Conjugate**  
PE. Ex:565nm. Em:574nm.

## Recommended Dilutions

**FC** 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## 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.

## Immunogen Information

**Gene ID** 29126 **Swiss Prot** Q9NZQ7

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

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

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

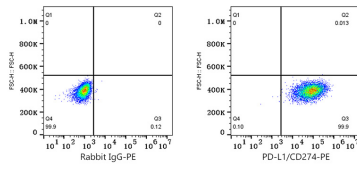
## Product Information

**Source** Rabbit **Isotype** IgG **Purification** Affinity purification

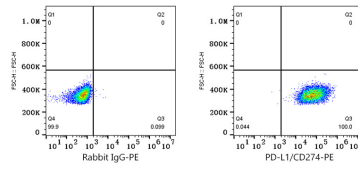
### Storage

Store at 2-8°C. Avoid freeze.  
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

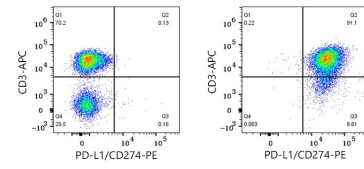
## Validation Data



Flow cytometry:  $1 \times 10^6$  A549 cells treated with IFN- $\gamma$  (RP01038, 1 ng/mL) were surface-stained with PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Human PD-L1/CD274 mAb (A26692, 5  $\mu$ l/Test, right)



Flow cytometry:  $1 \times 10^6$  NCI-H460 cells treated with IFN- $\gamma$  (RP01038, 1 ng/mL) were surface-stained with PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Human PD-L1/CD274 mAb (A26692, 5  $\mu$ l/Test, right)



Flow cytometry:  $1 \times 10^6$  Human PBMC (untreated, left) and Human PBMC (treated with 5  $\mu$ g/mL PHA for 72 hours, right) were surface-stained with APC Rabbit anti-Human/Monkey CD3 mAb (A27111, 5  $\mu$ l/Test) and PE Rabbit anti-Human PD-L1/CD274 mAb (A26692, 5  $\mu$ l/Test). Cells in the lymphocyte gate were used for analysis.