

PD-L1/CD274 Rabbit mAb

Catalog No.: A26086 **Recombinant**

Basic Information

Observed MW**Calculated MW**

33kDa

Category

Primary antibody

Applications

ELISA, IF/ICC, Inhibition

Cross-Reactivity

Human

CloneNo number

ARC5146-01

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

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

29126

Swiss Prot

Q9NZQ7

Immunogen

Recombinant protein of human PD-L1/CD274.

Synonyms

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

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

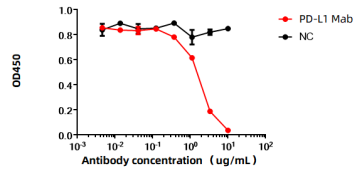
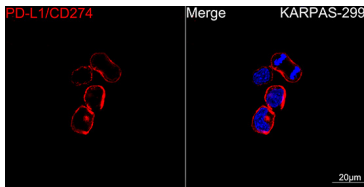
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Confocal imaging of KARPAS-299 cells using PD-L1/CD274 Rabbit mAb (A26086, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.

1µg/mL of biotinylated PD-L1/CD274 protein was incubated with PD-L1/CD274 Rabbit mAb (A26086) or control mAb with serial dilution for 1 hour at RT. The mixture was added to ELISA plate coated with 1 µg/mL of recombinant expressed PD-1. HRP-Streptavidin was used for biotinylated PD-L1/CD274 detection.