

# PD-1/CD279 Rabbit pAb

Catalog No.: A11973 **10 Publications**

## Basic Information

**Observed MW**

35kDa

**Calculated MW**

32kDa

**Category**

Primary antibody

**Applications**

WB, IF-P, ELISA

**Cross-Reactivity**

Human, Mouse, Rat

## Background

Programmed cell death protein 1 (PDCD1) is an immune-inhibitory receptor expressed in activated T cells; it is involved in the regulation of T-cell functions, including those of effector CD8+ T cells. In addition, this protein can also promote the differentiation of CD4+ T cells into T regulatory cells. PDCD1 is expressed in many types of tumors including melanomas, and has demonstrated to play a role in anti-tumor immunity. Moreover, this protein has been shown to be involved in safeguarding against autoimmunity, however, it can also contribute to the inhibition of effective anti-tumor and anti-microbial immunity.

## Recommended Dilutions

**WB** 1:500 - 1:1000**IF-P** 1:50 - 1:200**ELISA** Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

5133

**Swiss Prot**

Q15116

**Immunogen**

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

**Synonyms**

PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1; PD-1/CD279

## 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

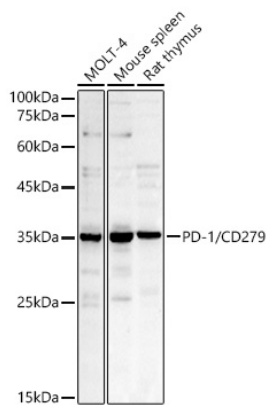
**Purification**

Affinity purification

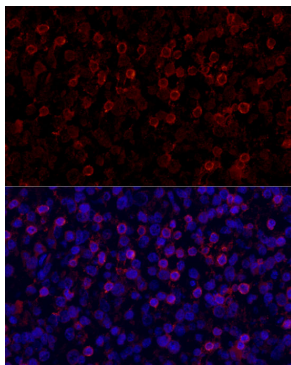
**Storage**

Store at -20°C

## Validation Data



Western blot analysis of various lysates using PD-1/CD279 Rabbit pAb (A11973) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates / proteins: 25 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunofluorescence analysis of paraffin-embedded human tonsil using PD-1/CD279 Rabbit pAb (A11973) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.