

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD279 (PD-1)



Numéro de catalogue: **PE-65120**

## Informations de base

Numéro de catalogue:

PE-65120

Taille:

100ug, 0.2 mg/ml

Hôte:

Armenian Hamster

Isotype:

IgG

Numéro d'acquisition GenBank:

BC119179

Identification du gène (NCBI):

18566

Nom complet:

programmed cell death 1

Méthode de purification:

Purification par affinité

CloneNo.:

J43.1

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

## Informations générales

Programmed cell death 1 (PD-1, also known as CD279) is an immunoinhibitory receptor that belongs to the CD28/CTLA-4 subfamily of the Ig superfamily. It is a 288 amino acid (aa) type I transmembrane protein composed of one Ig superfamily domain, a stalk, a transmembrane domain, and an intracellular domain containing an immunoreceptor tyrosine-based inhibitory motif (ITIM) as well as an immunoreceptor tyrosine-based switch motif (ITSM) (PMID: 18173375). PD-1 is expressed during thymic development and is induced in a variety of hematopoietic cells in the periphery by antigen receptor signaling and cytokines (PMID: 20636820). Engagement of PD-1 by its ligands PD-L1 or PD-L2 transduces a signal that inhibits T-cell proliferation, cytokine production, and cytolytic function (PMID: 19426218). It is critical for the regulation of T cell function during immunity and tolerance. Blockade of PD-1 can overcome immune resistance and also has been shown to have antitumor activity (PMID: 22658127; 23169436).

## Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS with 0.1% sodium azide and 0.5% BSA.

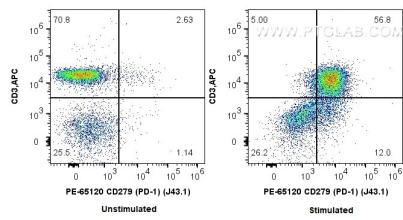
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Données de validation sélectionnées



1X10<sup>6</sup> unstimulated and anti-CD3/CD28-stimulated (3 days) mouse splenocytes were surface co-stained with APC Anti-Mouse CD3 and 0.5 ug PE Anti-Mouse CD279 (PD-1) (PE-65120, Clone: J43.1). Cells were not fixed.