

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD279 (PD-1)



Numéro de catalogue: 65119-1-Ig

## Informations de base

Numéro de catalogue:	65119-1-Ig	Numéro d'acquisition GenBank:	BC074740	Méthode de purification:	Purification par affinité
Taille:	100ug , 500 µg/ml	Identification du gène (NCBI):	5133	CloneNo.:	J110
Hôte:	Mouse	Nom complet:	programmed cell death 1		
Isotype:	IgG1	MW calculé	288 aa, 32 kDa		

## Applications

Applications testées:  
FC  
Spécificité de l'espèce:  
Humain

## 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. Stable for one year after shipment.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,1 %, pH 7,3.

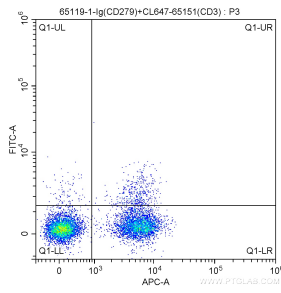
For technical support and original validation data for this product please contact:

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

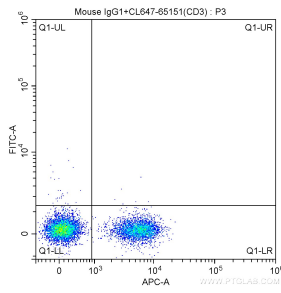
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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> human peripheral blood lymphocytes were surface stained with CoraLite® Plus 647-conjugated Anti-Human CD3 (CL647-65151, Clone: UCHT1), 0.5 ug Anti-Human CD279 (PD-1) (65119-1-Ig, Clone: J110) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000. Cells were not fixed.



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with CoraLite® Plus 647-conjugated Anti-Human CD3 (CL647-65151, Clone: UCHT1), 0.5 ug Mouse IgG1 Isotype Control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000. Cells were not fixed.