

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD279

Numéro de catalogue: 65168-1-Ig



## Informations de base

Numéro de catalogue:

65168-1-Ig

Taille:

100ug, 0.5 mg/ml

Hôte:

Mouse

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

BC074740

Identification du gène (NCBI):

5133

Nom complet:

programmed cell death 1

MW calculé

288 aa, 32 kDa

Méthode de purification:

Purifié par chromatographie d'affinité par protéine A

CloneNo.:

EH12.2H7

## Applications

Applications testées:

FC

Spécificité de l'espèce:

Humain, primates non humains

## 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 with 0.09% sodium azide.

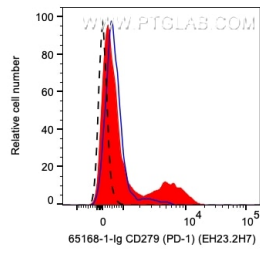
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## Données de validation sélectionnées



1X10<sup>6</sup> day 3 PHA treated human PBMCs were surface stained with 0.2 ug Anti-Human CD279 (65168-1-Ig, Clone:EH12.2H7) and CL594-Goat anti-Mouse IgG at dilution 1:1000. Cells were not fixed. Lymphocytes were gated. Blue line indicates unstained stimulated cells. Black dashed line indicates unstimulated stained cells.