

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD279

Numéro de catalogue: PE-65168



Informations de base

Numéro de catalogue:

PE-65168

Taille:

100 tests, 10 µl/test

Hôte:

Mouse

Isotype:

Mouse 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:

L'anticorps purifié est conjugué à la R-phycoérythrine (PE) dans des conditions optimales. Le conjugué est purifié par chromatographie d'exclusion de taille.

CloneNo.:

EH12.2H7

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

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:

Stocker à une température comprise entre 2 °C et 8 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 %.

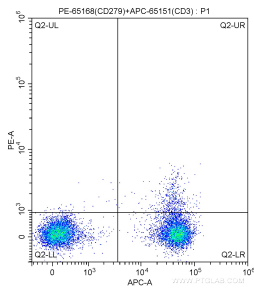
For technical support and original validation data for this product please contact:

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

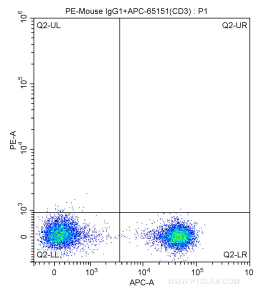
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ human peripheral blood mononuclear cells (PBMCs) were surface stained with APC Anti-Human CD3 (APC-65151, clone UCHT1) and 10.00 ul/test PE Anti-Human CD279 (PE-65168, Clone:EH12.2H7). Cells were not fixed.



1X10⁶ human peripheral blood mononuclear cells (PBMCs) were surface stained with APC Anti-Human CD3 (APC-65151, clone UCHT1) and PE mouse IgG1 isotype control antibody. Cells were not fixed.