

Nur für Forschungszwecke

CD279 Monoklonaler Antikörper

Katalog-Nr.:FITC-65168



Allgemeine Informationen

Katalog-Nr.:
FITC-65168

Größe:
100tests , 4 µl/test

Wirt:
Maus

Isotyp:
IgG1, kappa

GenBank-Zugangsnummer:
BC074740

GeneID (NCBI):
5133

Vollständiger Name:
programmed cell death 1

Berechnete Masse:
288 aa, 32 kDa

Reinigungsmethode:

Der gereinigte Antikörper ist mit Fluoresceinisothiocyanat (FITC) unter optimalen Bedingungen konjugiert. Das Konjugat wird mit Größenausschluss-Chromatographie gereinigt.

CloneNo.:
EH12.2H7

Anregungs-/Emissionsmaxima-Wellenlängen:
498 nm / 526 nm

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Human, Nicht-Humane Primaten

Hintergrundinformationen

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).

Lagerung

Lagerungsbedingungen:

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

Lagerungspuffer:

PBS mit 0,1% Natriumazid.

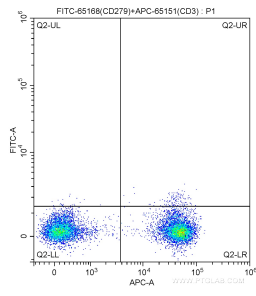
For technical support and original validation data for this product please contact:

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

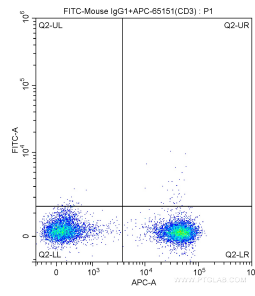
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



1X10⁶ human peripheral blood mononuclear cells (PBMCs) were surface stained with APC Anti-Human CD3 (APC-65151, clone UCHT1) and 4.00 ul/test FITC Anti-Human CD279 (FITC-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 FITC mouse IgG1 isotype control antibody. Cells were not fixed.