

Nur für Forschungszwecke

CD357 (GITR) Monoklonaler Antikörper

Katalog-Nr.:PE-65102



Allgemeine Informationen

Katalog-Nr.: PE-65102	GenBank-Zugangsnummer: BC146517	Reinigungsmethode: Affinitätsreinigung
Größe: 100ug, 0.2 mg/ml	GeneID (NCBI): 21936	CloneNo.: DTA-1
Wirt: Ratte	Vollständiger Name: tumor necrosis factor receptor superfamily, member 18	Anregungs-/Emissionsmaxima-Wellenlängen: 496 nm, 565 nm / 578 nm
Isotyp: IgG2b		

Anwendungen

Geprüfte Anwendungen:
FC
Getestete Reaktivität:
Maus

Hintergrundinformationen

Glucocorticoid-induced TNFR-related protein (GITR), also known as CD357 or TNFRSF18, is a member of the tumor necrosis factor receptor (TNF-R) superfamily. GITR is expressed constitutively at high levels in T regulatory cells (Treg cells) and plays a key role in dominant immunological self-tolerance maintained by CD25+CD4+ regulatory T cells (PMID: 11812990). It is expressed at low levels on resting responder T cells. The expression of GITR on T cells can be upregulated upon activation (PMID: 15770698). GITR is activated by GITR ligand (GITRL) which is mainly expressed on APC. GITR-GITRL interactions could co-stimulate both responder T-cell functions and the suppressive functions of Treg cells (PMID: 16868552).

Lagerung

Lagerungsbedingungen:
Bei 2-8°C lagern. Vor Licht schützen.
Lagerungspuffer:
Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

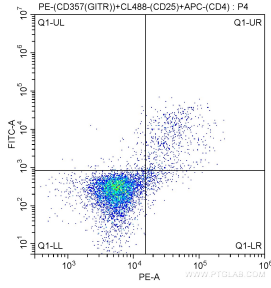
For technical support and original validation data for this product please contact:

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

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Ausgewählte Validierungsdaten



1X10⁶ mouse splenocytes were surface stained with 0.06 ug APC-Anti-Mouse CD4 (APC-65104, clone GK1.5), 0.125 ug FITC-Anti-Mouse CD25 (FITC-65137, clone PC61.5) and 0.06 ug PE-Anti-Mouse CD357 (GITR) (PE-65102, clone DTA-1). Cells were not fixed. CD4⁺ lymphocytes were gated for analysis of CD25 and CD357 (GITR) staining.