

Nur für Forschungszwecke

# CD357 (GITR) Monoklonaler Antikörper

Katalog-Nr.: APC-65102



## Allgemeine Informationen

<b>Katalog-Nr.:</b> APC-65102	<b>GenBank-Zugangsnummer:</b> BC146517	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.2 mg/ml	<b>GeneID (NCBI):</b> 21936	<b>CloneNo.:</b> DTA-1
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> tumor necrosis factor receptor superfamily, member 18	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 650 nm / 660 nm
<b>Isotyp:</b> 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.

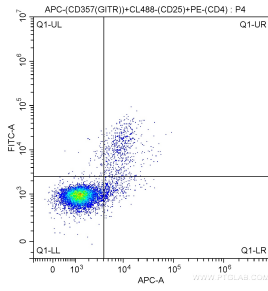
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> mouse splenocytes were surface stained with PE-Anti-Mouse CD4 (PE-65104, Clone: GK1.5), CoraLite®488-Conjugated Anti-Mouse CD25 (CL488-65137, Clone: PC61.5) and 0.06 µg APC-Anti-Mouse CD357 (GITR) (APC-65102, Clone: DTA-1). Cells were not fixed. CD4<sup>+</sup> lymphocytes were gated for analysis of CD25 and CD357 (GITR) staining.