

PE anti-mouse CD357 (GITR)

Catalog # / Size: 126309 / 25 µg
126310 / 100 µg

Clone: DTA-1

Isotype: Rat IgG2b, λ

Immunogen: mouse CD25⁺CD4⁺ T cells

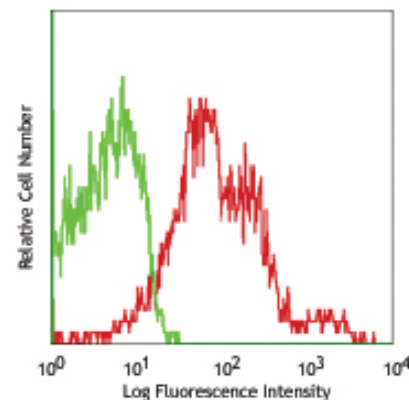
Reactivity: mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



BALB/c mouse splenocytes stained with DTA-1 PE

Applications:

Applications: FC - *Quality tested*

Recommended Usage: For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 µg per 10⁶ cells in 100 µl volume.

Description: GITR glucocorticoid-induced TNFR-related gene, is a member of the TNF receptor superfamily, also known as TNFRSF18, and AITR (in humans). It is expressed at low levels on resting T lymphocytes and at high levels on CD25⁺CD4⁺Treg cells. The expression of GITR on T cells can be upregulated upon activation. Interaction of GITR with its ligand (GITRL) has been demonstrated to augment T cell activation, proliferation, cytokine production, as well as MAPKs and NF-κB activation, and abrogate the inhibitory function of CD25⁺CD4⁺ T reg cells. In vivo activation of GITR causes development of autoimmune diseases and restores the suppressed immune response.

- Antigen References:**
1. Tone M, *et al.* 2003. *Proc.Natl.Acad.Sci.USA* 100:15059
 2. Shimzu J, *et al.* 2002 *Nat Immunol* 3:135
 3. Stephens GL, *et al.* 2004. *J. Immunol.* 173:5008
 4. McHugh RS, *et al.* 2002. *Immunity* 16:311

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Clone
93

Application
FC



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