

In Vivo Ready™ Anti-Mouse CD357 (GITR) (DTA-1) Antibody Catalog # ATB10153

Specification

In Vivo Ready™ Anti-Mouse CD357 (GITR) (DTA-1) Antibody - Product Information

Application FC, FA
Isotype Rat IgG2b
Concentration 2 mg/mL
Reactivity Mouse

Formulation 10 mM NaH2PO4, 150 mM NaCl, pH7.2

Host Rat

In Vivo Ready™ Anti-Mouse CD357 (GITR) (DTA-1) Antibody - Additional Information

Gene ID 21936 Gene Name Tnfrsf18

Alternative Name(s)

TNFRSF18

Format

In Vivo Ready™

Preparation

This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.

Application Notes

This purified format is guaranteed to be >90% pure as determined by SDS-PAGE analysis. Citations are provided as a convenience to you - please consult Materials and Methods sections for additional details about the use of any product in these publications.

Endotoxin Level

Less than or equal to 0.01 EU/ug, as determined by the LaL assay

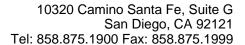
Storage Conditions

2-8°C

In Vivo Ready™ Anti-Mouse CD357 (GITR) (DTA-1) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence





- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

In Vivo Ready™ Anti-Mouse CD357 (GITR) (DTA-1) Antibody - Images

In Vivo Ready™ Anti-Mouse CD357 (GITR) (DTA-1) Antibody - Background

The DTA-1 antibody reacts with mouse CD357, also known as GITR or AITR (in humans), a 66-70 kDa member of the Tumor Necrosis Factor superfamily (TNFRSF18). GITR is primarily found on T cells, and its function may vary depending on the T cell type where it is expressed. GITR is upregulated on activated T cells where it provides co-stimulation, yet GITR may promote the inhibition of CD4+ CD25+ Treg cells, where it is expressed at high levels. GITR ligand (GITRL) is found on B cells, macrophages, dendritic and endothelial cells, and is implicated in regulating both innate and adaptive immune responses. The DTA-1 antibody may be used for analysis of GITR expression on T cells, and is also commonly used in vitro as an agonistic antibody to induce GITR signaling in various assays.