

Datasheet for ABIN6941305  
**anti-TNFRSF18 antibody**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	TNFRSF18
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This TNFRSF18 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

## Product Details

Immunogen:	Mouse CD25+ CD4+ T cells
Clone:	DTA-1
Isotype:	IgG2b kappa
Purification:	Purified by Protein A/G

## Target Details

Target:	TNFRSF18
Alternative Name:	GITR / Tnfrsf18 ( <a href="#">TNFRSF18 Products</a> )
Background:	GITR (glucocorticoid-induced TNFR-related gene) is a member of the TNF-receptor superfamily, also known as TNFRSF18. It is expressed at low levels on resting T lymphocytes and at high levels on CD25+CD4+Tregs. 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

## Target Details

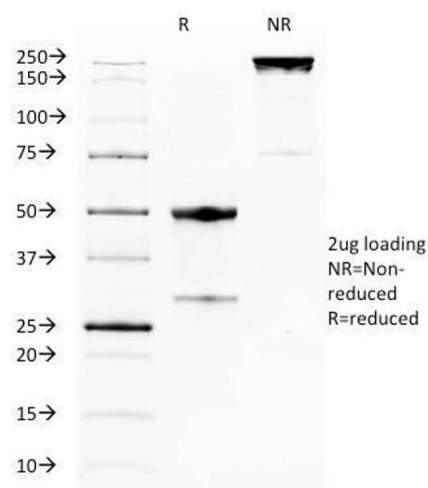
	activation, proliferation, cytokine production as well as MAPKs and NF-B activation, and abrogate the inhibitory function of CD25+CD4+Tregs. In vivo activation of GITR causes development of autoimmune diseases and restores the suppressed immune response.
Molecular Weight:	66-70kDa (Homodimer)
Gene ID:	21936
UniProt:	<a href="#">O35714</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a>

## Application Details

Application Notes:	Positive Control: CD25+CD4+Tregs. Known Application: Flow Cytometry (0.5-1 µg/million cells in 0.1ml), Immunofluorescence (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

## Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified GTR Mouse Monoclonal Antibody (DTA-1). Confirmation of Purity and Integrity of Antibody