

Datasheet for ABIN7072503

**Recombinant anti-TNFRSF18 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µg
Target:	TNFRSF18
Reactivity:	Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This TNFRSF18 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunoprecipitation (IP), Agonist (Agon)

## Product Details

Immunogen:	This antibody was raised by immunising Wistar rats with the CD25+CD4+ T cell line. Hybridoma cells were generated by fusing spleen cells from the immunized rat with P3X63Ag8.653 myeloma cells, assessed for secreting antibodies capable of neutralizing in vitro CD25+CD4+ T cell-mediated suppression of anti-CD3-stimulated T cell proliferation <sup>9</sup> , and then cloned. This DTA-1 clone secreted a monoclonal rat immunoglobulin G2a (IgG2a) that showed high neutralizing activity.
Clone:	DTA-1
Isotype:	IgG lambda
Characteristics:	Original Species of Ab: Rat Original Format of Ab: IgG2b
Purification:	Purified antibody.

## Target Details

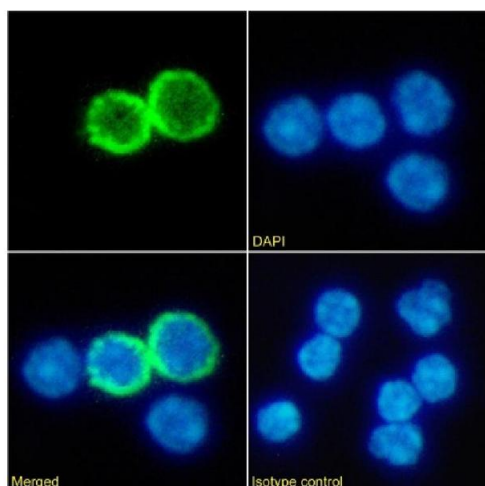
Target:	TNFRSF18
Alternative Name:	GITR ( <a href="#">TNFRSF18 Products</a> )
Background:	CD357, AITR, GITR-D, Glucocorticoid-induced TNFR-related protein, TNFRSF18, Tumor necrosis factor receptor superfamily member 18
UniProt:	<a href="#">035714</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

## Handling

Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.



### Immunofluorescence

**Image 1.** Immunofluorescence staining of fixed mouse splenocytes with anti-GITR antibody DTA-1. Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes on Shi-fix™ coverslips stained with the chimeric rabbit IgG version of DTA-1 (ABIN7072503) at 10 µg/mL for 1h followed by Alexa Fluor® 488 secondary antibody (2 µg/mL), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom ABIN7072503, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody (ABIN5668079) followed by staining with Alexa Fluor® 488 secondary antibody.