

Datasheet for ABIN7092879  
**anti-TNFRSF18 antibody (AA 266-162)**

## 5 Images

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## Overview

Quantity:	100 µg
Target:	TNFRSF18
Binding Specificity:	AA 266-162
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TNFRSF18 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA

## Product Details

Immunogen:	Recombinant human GITR (Gln266-Pro162) (ABIN6961091) produced by using human HEK293 cells
Clone:	DM78
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

## Target Details

Target:	TNFRSF18
Alternative Name:	GITR ( <a href="#">TNFRSF18 Products</a> )
Background:	Synonyms:AITR, GITR, TNFRSF18, CD357

## Target Details

Description: This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Molecular Weight: 26.0kDa

Gene ID: 8784

UniProt: [Q9Y5U5](#)

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

Application Notes: ELISA 1/5000-10000, Flow Cyt 1/100

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization., 0.1 % Procline 300

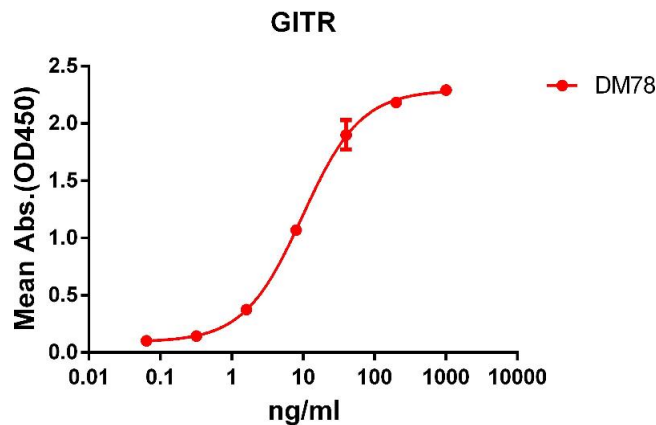
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

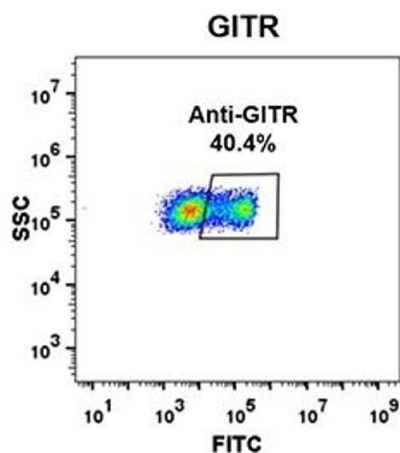
Expiry Date: 12 months



### ELISA

**Image 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human GTR protein, hFc-His tagged protein ((ABIN6961091, ABIN7042211 and ABIN7042212)) can bind Rabbit anti-GTR monoclonal antibody(clone: DM78) in a linear range of 1-100 ng/mL.

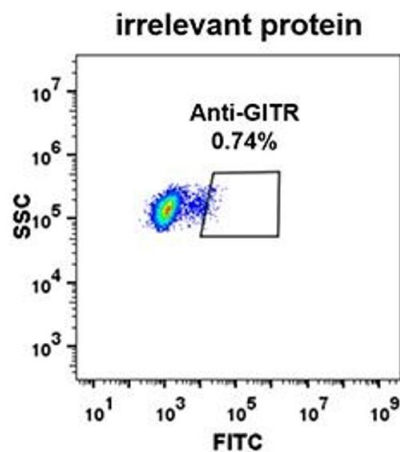
**B**



### Flow Cytometry

**Image 2.** Flow cytometry data of serially titrated Rabbit anti-GTR monoclonal antibody (clone: DM78) on PC3 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

**A**



### Flow Cytometry

**Image 3.** Expi 293 cell line transfected with irrelevant protein (A) and human GTR (B) were surface stained with Rabbit anti-GTR monoclonal antibody 1 µg/mL (clone: DM78) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7092879.