

Datasheet for ABIN5684059
anti-TNFRSF18 antibody (AA 26-162)

6 Images

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Overview

Quantity:	0.1 mg
Target:	TNFRSF18
Binding Specificity:	AA 26-162
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human TNFRSF18 (AA: extra 26-162) expressed in E. coli.
Clone:	2A7A6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	TNFRSF18
Alternative Name:	TNFRSF18 (TNFRSF18 Products)
Background:	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(+)

Target Details

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.

Aliases: AITR, GITR, CD357, GITR-D

Molecular Weight: 26 kDa

Gene ID: 8784

HGNC: 84868

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

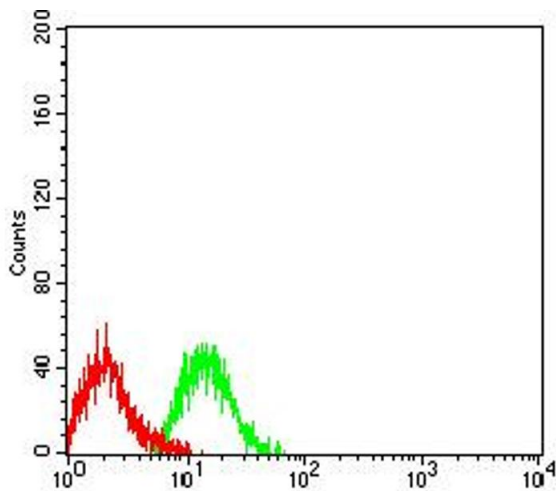
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

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

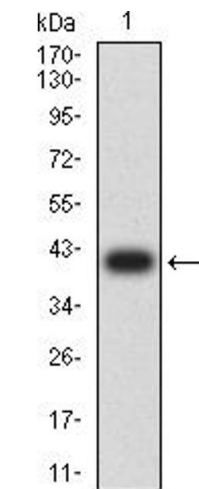
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



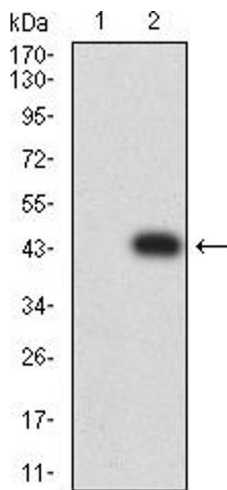
Flow Cytometry

Image 1. Flow cytometric analysis of Jurkat cells using TNFRSF18 mouse mAb (green) and negative control (red).



Western Blotting

Image 2. Western blot analysis using TNFRSF18 mAb against human TNFRSF18 (AA: extra 26-162) recombinant protein. (Expected MW is 40.6 kDa)



Western Blotting

Image 3. Western blot analysis using TNFRSF18 mAb against HEK293 (1) and TNFRSF18 (AA: extra 26-162)-hlgGfC transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5684059.