



Datasheet for ABIN655822
anti-TNFSF15 antibody (AA 148-175)



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3 Images

Overview

Quantity:	400 µL
Target:	TNFSF15
Binding Specificity:	AA 148-175
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFSF15 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	This TNFSF15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 148-175 amino acids from the Central region of human TNFSF15.
Clone:	RB21818
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TNFSF15
Alternative Name:	TNFSF15 (TNFSF15 Products)
Background:	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF)

Target Details

ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kappaB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. An additional isoform encoded by an alternatively spliced transcript variant has been reported but the sequence of this transcript has not been determined. [provided by RefSeq].

Molecular Weight: 28087

Gene ID: 9966

NCBI Accession: [NP_001191273, NP_005109](#)

UniProt: [O95150](#)

Pathways: [Positive Regulation of Endopeptidase Activity, Autophagy](#)

Application Details

Application Notes: IF: 1:10~50. WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

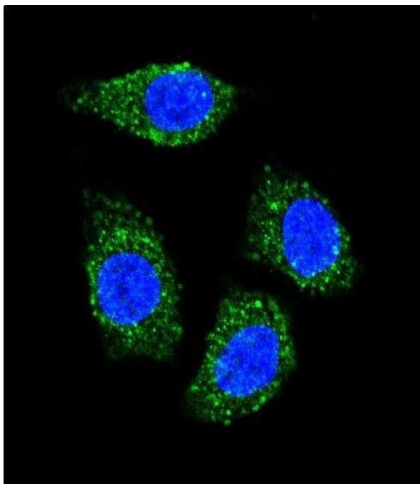
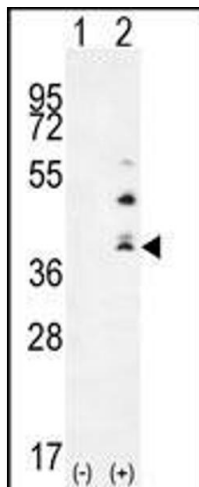
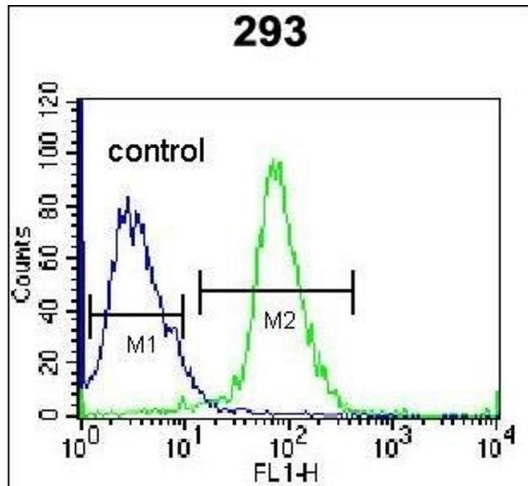
Preservative: Sodium azide

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: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. TNFSF15 Antibody (Center) (ABIN655822 and ABIN2845246) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of TNFSF15 (arrow) using rabbit polyclonal TNFSF15 Antibody (Center) (ABIN655822 and ABIN2845246). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TNFSF15 gene.

Immunofluorescence

Image 3. Confocal immunofluorescent analysis of TNFSF15 Antibody (Center) (ABIN655822 and ABIN2845246) with HeLa cell followed by Alexa Fluor® 489-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).