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anti-TNFSF4 antibody (AA 97-125)





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Overview	
Quantity:	400 μL
Target:	TNFSF4
Binding Specificity:	AA 97-125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFSF4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB)
Product Details	
Immunogen:	This TNFSF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-125 amino acids from the Central region of human TNFSF4.
Clone:	RB30006
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	TNFSF4
Alternative Name:	TNFSF4 (TNFSF4 Products)
Background:	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF)

Target Details

ligand family. This cytokine is a ligand for receptor TNFRSF4/OX4. It is found to be involved in T cell antigen-presenting cell (APC) interactions. In surface Ig- and CD40-stimulated B cells, this cytokine along with CD70 has been shown to provide CD28-independent costimulatory signals to T cells. This protein and its receptor are reported to directly mediate adhesion of activated T cells to vascular endothelial cells.

Molecular Weight: 21050

Gene ID: 7292

NCBI Accession: NP_003317

UniProt: P23510

Pathways: Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity,

Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune

Response, Activated T Cell Proliferation, Cancer Immune Checkpoints

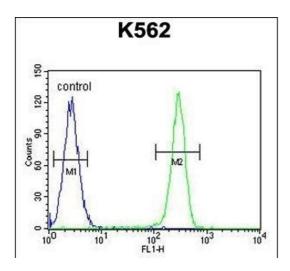
Application Details

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

Restrictions: For Research Use only

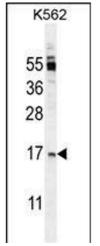
Handling

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. TNFSF4 Antibody (Center) (ABIN655028 and ABIN2844659) flow cytometric analysis of K562 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. TNFSF4 Antibody (Center) (ABIN655028 and ABIN2844659) western blot analysis in K562 cell line lysates (35 μ g/lane).This demonstrates the TNFSF4 antibody detected the TNFSF4 protein (arrow).