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TNFSF4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11076C

Product Information

Application	WB, FC, E
Primary Accession	P23510
Other Accession	NP_003317.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30006
Calculated MW	21050
Antigen Region	97-125

Additional Information

Gene ID	7292
Other Names	Tumor necrosis factor ligand superfamily member 4, Glycoprotein Gp34, OX40 ligand, OX40L, TAX transcriptionally-activated glycoprotein 1, CD252, TNFSF4, TXGP1
Target/Specificity	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.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TNFSF4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TNFSF4
Synonyms	TXGP1

Function	Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production.
Cellular Location	Membrane; Single-pass type II membrane protein.

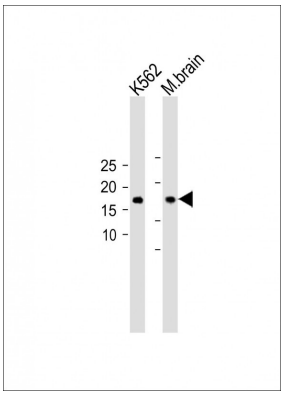
Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) 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.

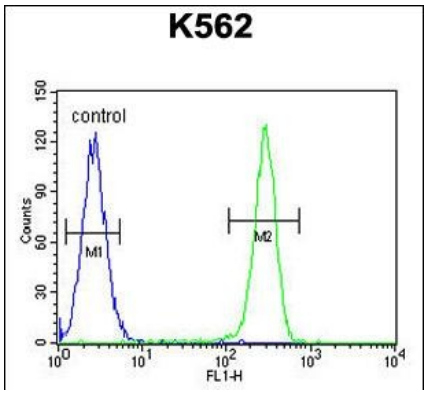
References

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Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)
Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Mosbruger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010)
Davila, S., et al. Genes Immun. 11(3):232-238(2010)

Images



All lanes: Anti-TNFSF4 Antibody (Center) at 1:1000 dilution Lane 1: Mouse brain lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 21 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



TNFSF4 Antibody (Center) (Cat. #AP11076c) 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.