

**TNFSF4 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11076C****Specification**

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**TNFSF4 Antibody (Center) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">P23510</a>
Other Accession	<a href="#">NP_003317.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	97-125

**TNFSF4 Antibody (Center) - 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 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**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.

**TNFSF4 Antibody (Center) - Protein Information****Name** TNFSF4

**Synonyms** TXGP1

**Function** Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production.

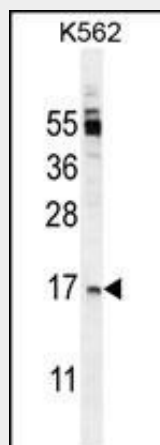
**Cellular Location**

Membrane; Single-pass type II membrane protein.

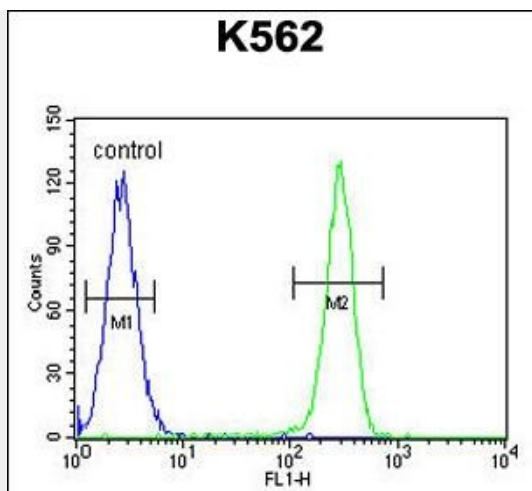
**TNFSF4 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TNFSF4 Antibody (Center) - Images**

TNFSF4 Antibody (Center) (Cat. #AP11076c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the TNFSF4 antibody detected the TNFSF4 protein (arrow).



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.

#### **TNFSF4 Antibody (Center) - 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.

#### **TNFSF4 Antibody (Center) - References**

Karulf, M., et al. J. Immunol. 185(8):4856-4862(2010)  
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)