

Rabbit anti-Human TNFSF4 Polyclonal Antibody | anti-TNFSF4 antibody

TNFSF4 Antibody (Center)

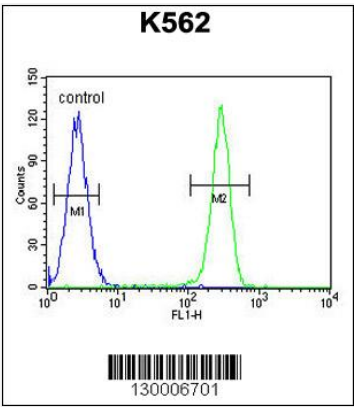
CATALOG # AAA289125	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

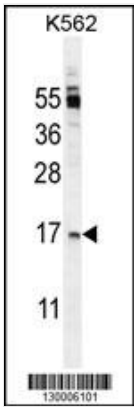
TNFSF4; Polyclonal Antibody; TNFSF4 Antibody (Center); Tumor necrosis factor ligand superfamily member 4; Glycoprotein Gp34; OX40 ligand; OX40L; TAX transcriptionally-activated glycoprotein 1; CD252; TXGP1; anti-TNFSF4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	97-125
Sequence Length	133
Applicable Applications for anti-TNFSF4 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
TNFSF4 Antibody (Center) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-TNFSF4 antibody	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.
Product Categories/Family for anti-TNFSF4 antibody	Immunology; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507603
NCBI GeneID	7292
NCBI Accession #	NP_003317.1
NCBI GenBank Nucleotide #	NM_003326.4
UniProt Accession #	P23510; Q5JZA5; Q8IV74; Q9HCN9
Molecular Weight	21050
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 4 isoform 1
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 4
NCBI Official Symbol	TNFSF4
NCBI Official Synonym Symbols	GP34; CD252; OX4OL; TXGP1; CD134L; OX-40L
NCBI Protein Information	tumor necrosis factor ligand superfamily member 4

UniProt Protein Name	Tumor necrosis factor ligand superfamily member 4
UniProt Gene Name	TNFSF4
UniProt Synonym Gene Names	TXGP1; OX40L
UniProt Entry Name	TNFL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tnfsf4-antibody-flow-cytometry-western-blot-elisa/289125>