

## Product datasheet for **TA319731**

### CD252 (TNFSF4) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rabbit polyclonal TNFSF4 antibody was raised against a 14 amino acid peptide near the carboxy terminus of human TNFSF4.
Formulation:	TNFSF4 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TNFSF4 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	tumor necrosis factor superfamily member 4
Database Link:	<a href="#">NP_003317</a> <a href="#">Entrez Gene 22164 Mouse</a> <a href="#">Entrez Gene 89814 Rat</a> <a href="#">Entrez Gene 7292 Human</a> <a href="#">P23510</a>



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**Background:**

TNFSF4 Antibody: The tumor necrosis factor superfamily member TNFSF4 is a type II membrane bound, non-covalently linked homotrimeric protein. It is expressed on antigen presenting cells, such as dendritic cells and activated B-cells, and also on other cells such as vascular endothelial cells, mast cells, and natural killer cells. TNFSF4 signals specifically through the TNFRSF4 receptor, is expressed predominantly on CD4+T cells but also on certain activated CD8+T cells. TNFRSF4/TNFSF4 functions as a costimulatory signal, which is required for a productive interaction between antigen presenting cells and their target T-cells. It enhances cell proliferation and survival, and increases expression of RANTES, IL-2, IL-3, and IFN $\gamma$ . TNFRSF4/TNFSF4 signaling plays an important role in immunotolerance.

**Synonyms:**

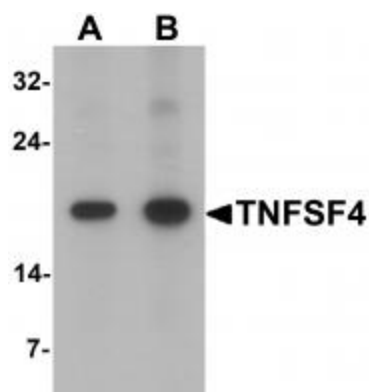
CD134L; CD252; GP34; OX-40L; OX40L; TXGP1

**Protein Families:**

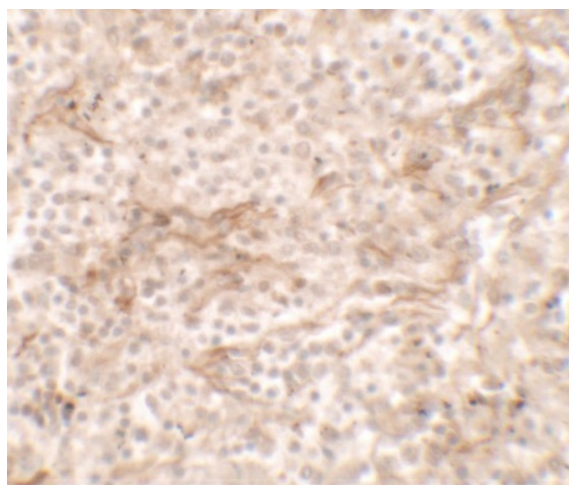
Druggable Genome, Transmembrane

**Protein Pathways:**

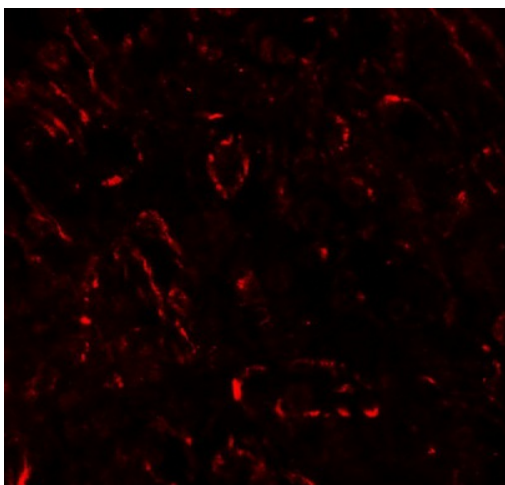
Cytokine-cytokine receptor interaction

**Product images:**

Western blot analysis of TNFSF4 in rat spleen tissue lysate with TNFSF4 antibody at (A) 0.5 and (B) 1 ug/mL



Immunohistochemistry of TNFSF4 in spleen tissue with TNFSF4 antibody at 5 ug/mL.



Immunofluorescence of TNFSF4 in human spleen tissue with TNFSF4 antibody at 20 ug/mL.