BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-TNFSF4 Antibody

Catalog Number: A02554-2

About TNFSF4

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 IFNgamma. TNFRSF4/TNFSF4 signaling plays an important role in immunotolerance.

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Overview

Product Name	Anti-TNFSF4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TNFSF4 Antibody (Catalog # A02554-2). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TNFSF4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TNFSF4 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P23510

Technical Details

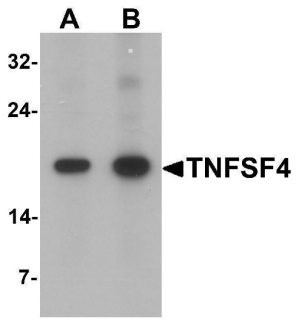
Immunogen	Rabbit polyclonal TNFSF4 antibody was raised against a 14 amino acid peptide near the carboxy terminus of human TNFSF4. The immunogen is located within the last 50 amino acids of TNFSF4.
Predicted Reactive Species	Rabbit
Cross Reactivity	At least two isoforms of TNFSF4 are known to exist; this antibody will detect both isoforms.

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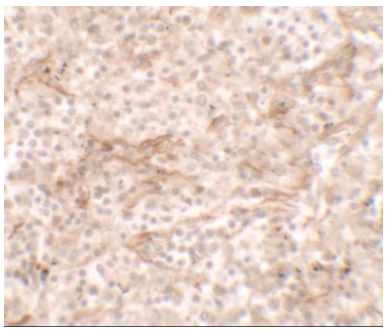
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TNFSF4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TNFSF4 antibody can be used for detection of TNFSF4 by Western blot at 0.5 - 1 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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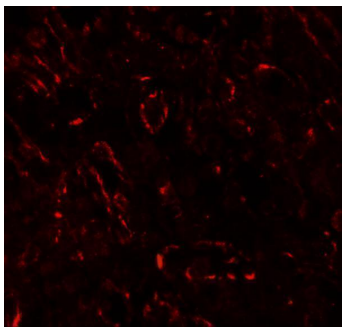
Anti-TNFSF4 Antibody (A02554-2) Images



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 human spleen tissue with TNFSF4 antibody at 5 ug/ml.



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

For Research Use Only. Not for use in diagnostic procedures.