

Datasheet for ABIN6991825
anti-TNFSF4 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	TNFSF4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFSF4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Specificity:	At least two isoforms of TNFSF4 are known to exist, this antibody will detect both isoforms.
Purification:	TNFSF4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TNFSF4
Alternative Name:	TNFSF4 (TNFSF4 Products)

Target Details

Background:	<p>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 γ. TNFRSF4/TNFSF4 signaling plays an important role in immunotolerance.</p>
Molecular Weight:	20 kDa
Gene ID:	7292
NCBI Accession:	NP_003317
UniProt:	P23510
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Activated T Cell Proliferation , Cancer Immune Checkpoints

Application Details

Application Notes:	<p>TNFSF4 antibody can be used for detection of TNFSF4 by Western blot at 0.5 - 1 μg/mL.</p> <p>Antibody validated: Western Blot in rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TNFSF4 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, 4 °C

Storage Comment: TNFSF4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.