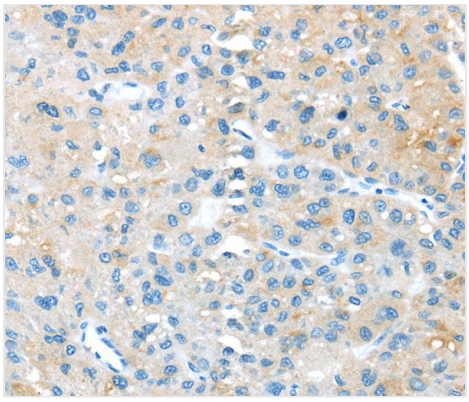
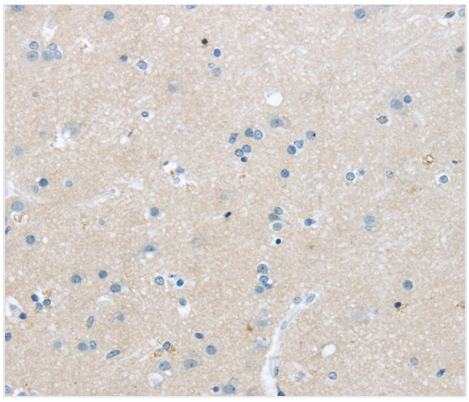
TNFSF4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TNFSF4, Polyclonal Antibody
Full Product Name	TNFSF4 Antibody
Product Gene Name	anti-TNFSF4 antibody
Product Synonym Names	GP34; CD252; OX4OL; TXGP1; CD134L; OX-40L
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Concentration	1.4 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total TNFSF4 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	15,427 Da
OMIM	152700
3D Structure	ModBase 3D Structure for P23510
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human tumor necrosis factor (ligand) superfamily, member 4
Target Name	TNFSF4
Product Categories/Family for anti-TNFSF4 antibody	Total protein Ab
Applications Tested/Suitable for anti-TNFSF4 antibody	Immunohistochemistry (IHC)
Application Notes for anti-TNFSF4 antibody	Immunohistochemistry: 1:10-1:50
Related Product Information for anti-TNFSF4 antibody	This gene encodes a cytokine of the tumor necrosis factor (TNF) ligand family. The encoded protein functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of activated T cells to endothelial cells. Polymorphisms in this gene have been associated with Sjogren's syndrome and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-TNFSF4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TNFSF4 purchase	MBS9407998 is an antibody targeting TNFSF4. Also known as TNFSF4 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-TNFSF4 antibody
Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.



Immunohistochemistry (IHC) of anti-TNFSF4 antibody
Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/20.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFSF4. It may not necessarily be applicable to this product.

NCBI GI #	662033902
NCBI GeneID	7292
NCBI Accession #	NP_001284491.1
UniProt Primary Accession #	P23510
UniProt Secondary Accession #	Q5JZA5; Q8IV74; Q9HCN9
UniProt Related Accession #	P23510
GenBank Nucleotide #	NM_001297562.1
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 4 isoform 2
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
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 4
UniProt Synonym Protein Names	Glycoprotein Gp34; OX40 ligand; OX40L; TAX transcriptionally-activated glycoprotein 1; CD_antigen: CD252
Protein Family	Tumor necrosis factor ligand superfamily
UniProt Gene Name	TNFSF4
UniProt Synonym Gene Names	TXGP1; OX40L
UniProt Entry Name	TNFL4_HUMAN
NCBI Protein Information	tumor necrosis factor ligand superfamily member 4

UniProt Comments for TNFSF4	TNFSF4: Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production. Genetic variations in TNFSF4 influence susceptibility to systemic lupus erythematosus (SLE). SLE is a chronic, inflammatory and often febrile multisystemic disorder of connective tissue. It affects principally the skin, joints, kidneys and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system. The upstream region of TNFSF4 contains a single risk haplotype for SLE, which is correlated with increased expression of both cell-surface TNFSF4 and TNFSF4 transcripts. Increased levels of TNFSF4 are thought to augment T-cell-APC interaction and the functional consequences of T-cell activation, thereby destabilizing peripheral tolerance. Belongs to the tumor necrosis factor family. Protein type: Cell cycle regulation; Membrane protein, integral; Cytokine Chromosomal Location of Human Ortholog: 1q25 Cellular Component: extracellular space; cell surface; integral to plasma membrane Molecular Function: cytokine activity; tumor necrosis factor receptor superfamily binding; tumor necrosis factor receptor binding; receptor binding Biological Process: negative regulation of T-helper 1 cell differentiation; positive regulation of interleukin-12 production; negative regulation of cytokine secretion; positive regulation of T cell cytokine production; defense response to nematode; signal transduction; positive regulation of activated T cell proliferation; positive regulation of interleukin-10 production; positive regulation of interleukin-4 production; T cell proliferation; positive regulation of T-helper 2 cell differentiation; regulation of adaptive immune response; negative regulation of regulatory T cell differentiation; negative regulation of interferon-gamma production; positive regulation of cell proliferation; positive regulation of interleukin-13 production; positive regulation of memory T cell differentiation; cholesterol metabolic process; positive regulation of T-helper 2 type immune response; response to virus; negative regulation of transcription factor activity; positive regulation of immunoglobulin mediated immune response; positive regulation of interleukin-6 production; positive regulation of CD4-positive, alpha beta T cell differentiation; positive regulation of immunoglobulin secretion; positive regulation of interferon-gamma production; negative regulation of interleukin-17 production; positive regulation of B cell activation; regulation of inflammatory response; positive regulation of interleukin-2 production; positive regulation of alpha-beta T cell proliferation; immune response; negative regulation of transcription, DNA-dependent; acute inflammatory response; positive regulation of inflammatory response Disease: Myocardial Infarction, Susceptibility To
Research Articles on TNFSF4	**1.** contributes to the aberrant T Follicular Helper response in systemic lupus erythematosus
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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