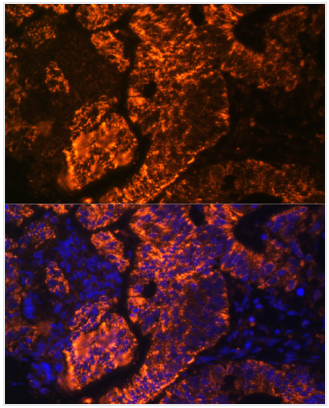
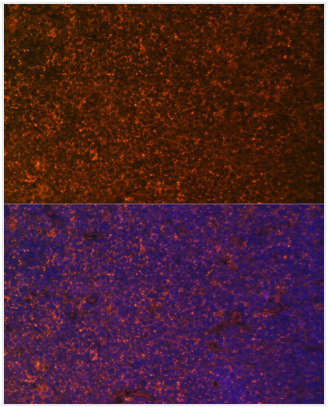
TNFRSF25 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

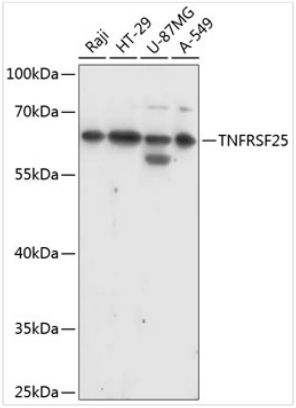
Product Name	TNFRSF25, Polyclonal Antibody
Full Product Name	TNFRSF25 Rabbit Polyclonal Antibody
Product Gene Name	anti-TNFRSF25 antibody
Product Synonym Names	TNFRSF25; APO-3; DDR3; DR3; LARD; TNFRSF12; TR3; TRAMP; WSL-1; WSL-LR
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	45,385 Da
OMIM	603366
3D Structure	ModBase 3D Structure for Q93038
Immunogen	Recombinant fusion protein of human TNFRSF25 (NP_683866.1).
Product Categories/Family for anti-TNFRSF25 antibody	Primary Antibody
Applications Tested/Suitable for anti-TNFRSF25 antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-TNFRSF25 antibody	WB: 1:500-1:2000 IF: 1:50-1:200
Related Product Information for anti-TNFRSF25 antibody	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed preferentially in the tissues enriched in lymphocytes, and it may play a role in regulating lymphocyte homeostasis. This receptor has been shown to stimulate NF-kappa B activity and regulate cell apoptosis. The signal transduction of this receptor is mediated by various death domain containing adaptor proteins. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation.
Other Notes	Small volumes of anti-TNFRSF25 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 TNFRSF25 purchase	MBS9465064 is an antibody targeting TNFRSF25. Also known as TNFRSF25 Rabbit Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Immunofluorescence (IF) of anti-TNFRSF25 antibody
Immunofluorescence analysis of human colon carcinoma cells using TNFRSF25 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence (IF) of anti-TNFRSF25 antibody
Immunofluorescence analysis of rat breast cells using TNFRSF25 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blot (WB) of anti-TNFRSF25 antibody
Western blot analysis of extracts of various cell lines, using TNFRSF25 at 1:1000 dilution.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFRSF25. It may not necessarily be applicable to this product.

NCBI GI #	23200025
NCBI GeneID	8718
NCBI Accession #	NP_683868.1
UniProt Primary Accession #	Q93038
UniProt Secondary Accession #	O00275; O00276; O00277; O00278; O00279; O00280; O14865; O14866; B1ALX2; B1ALX3; B7ZLL7
UniProt Related Accession #	Q93038
GenBank Nucleotide #	NM_148967.1
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 25 isoform 4
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 25
NCBI Official Symbol	TNFRSF25
NCBI Official Synonym Symbols	DR3; TR3; DDR3; LARD; APO-3; TRAMP; WSL-1; WSL-LR; TNFRSF12
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 25
UniProt Synonym Protein Names	Apo-3; Apoptosis-inducing receptor AIR; Apoptosis-mediating receptor DR3; Apoptosis-mediating receptor TRAMP; Death receptor 3; Lymphocyte-associated receptor of death; LARD; Protein WSL; Protein WSL-1
Protein Family	Tumor necrosis factor receptor superfamily

UniProt Gene Name	TNFRSF25
UniProt Synonym Gene Names	APO3; DDR3; DR3; TNFRSF12; WSL; WSL1; LARD
UniProt Entry Name	TNR25_HUMAN
NCBI Protein Information	tumor necrosis factor receptor superfamily member 25; protein WSL-1; death receptor beta; apoptosis inducing receptor; apoptosis-inducing receptor AIR; apoptosis-mediating receptor DR3; apoptosis-mediating receptor TRAMP; death domain receptor 3 soluble f
UniProt Comments for TNFRSF25	TNFRSF25: Receptor for TNFSF12/APO3L/TWEAK. Interacts directly with the adapter TRADD. Mediates activation of NF-kappa-B and induces apoptosis. May play a role in regulating lymphocyte homeostasis. Homodimer. Interacts strongly via the death domains with TNFRSF1 and TRADD to activate at least two distinct signaling cascades, apoptosis and NF-kappa-B signaling. Interacts with BAG4. Abundantly expressed in thymocytes and lymphocytes. Detected in lymphocyte-rich tissues such as thymus, colon, intestine, and spleen. Also found in the prostate. 12 isoforms of the human protein are produced by alternative splicing. Protein type: Receptor, misc.; Apoptosis; Membrane protein, integral Chromosomal Location of Human Ortholog: 1p36.2 Cellular Component: integral to plasma membrane; plasma membrane; extracellular region; cytosol Molecular Function: tumor necrosis factor receptor activity; receptor activity Biological Process: regulation of apoptosis; cell surface receptor linked signal transduction; tumor necrosis factor-mediated signaling pathway; apoptosis; signal transduction
Research Articles on TNFRSF25	**1.** TRAMP mice fed with 3'-diindolylmethane-supplemented diet show much lower incidence of tumorigenesis and metastasis than the untreated control group.
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