



Human TNFRSF25 blocking peptide (DAG-P0378)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description

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. [provided by RefSeq, Jul 2008]

Specificity

Abundantly expressed in thymocytes and lymphocytes. Detected in lymphocyte-rich tissues such as thymus, colon, intestine, and spleen. Also found in the prostate.

Conjugate

Unconjugated

Applications

BL, WB

Sequence Similarities

Contains 1 death domain. Contains 4 TNFR-Cys repeats.

Format

Liquid

Buffer

PBS with 0.1% BSA 0.02% sodium azide pH7.2

Preservative

0.02% Sodium Azide

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. PBS with 0.1% BSA 0.02% sodium azide pH7.2

GENE INFORMATION

Gene Name	TNFRSF25 tumor necrosis factor receptor superfamily, member 25 [Homo sapiens (human)]
Official Symbol	TNFRSF25
Synonyms	TNFRSF25; tumor necrosis factor receptor superfamily, member 25; DR3; TR3; DDR3; LARD; APO-3; TRAMP; WSL-1; WSL-LR; TNFRSF12; 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 form; lymphocyte-associated receptor of death; tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein);
Entrez Gene ID	8718
mRNA Refseq	NM_001039664.1
Protein Refseq	NP_001034753.1
UniProt ID	Q93038
Chromosome Location	1p36.2
Pathway	Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	receptor activity; tumor necrosis factor-activated receptor activity;