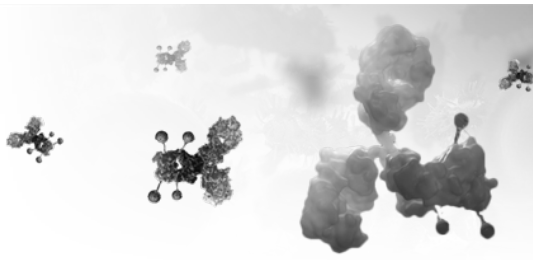

# Human TNFRSF10A blocking peptide (DAG-P0441)

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

## PRODUCT INFORMATION

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|---|---|
| **Antigen Description** | The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. [provided by RefSeq, Jul 2008] |
| **Specificity** | Widely expressed. High levels are found in spleen, peripheral blood leukocytes, small intestine and thymus, but also in K562 erythroleukemia cells, MCF7 breast carcinoma cells and activated T-cells. |
| **Conjugate** | Unconjugated |
| **Applications** | BL, WB |
| **Sequence Similarities** | Contains 1 death domain.Contains 3 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** | TNFRSF10A tumor necrosis factor receptor superfamily, member 10a [ Homo sapiens (human) ] |

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|---|---|
| **Official Symbol** | TNFRSF10A |
| **Synonyms** | TNFRSF10A; tumor necrosis factor receptor superfamily, member 10a; DR4; APO2; CD261; TRAILR1; TRAILR-1; tumor necrosis factor receptor superfamily member 10A; TRAIL-R1; TRAIL receptor 1; death receptor 4; cytotoxic TRAIL receptor; TNF-related apoptosis-inducing ligand receptor 1; tumor necrosis factor receptor superfamily member 10a variant 2; |
| **Entrez Gene ID** | 8797 |
| **mRNA Refseq** | NM_003844.3 |
| **Protein Refseq** | NP_003835.3 |
| **UniProt ID** | O00220 |
| **Chromosome Location** | 8p21 |
| **Pathway** | Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Direct p53 effectors, organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; Kit Receptor Signaling Pathway, organism-specific biosystem; Measles, organism-specific biosystem; Measles |
| **Function** | TRAIL binding; death receptor activity; protein binding; receptor activity; transcription factor binding; |

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