TNFRSF25
Synthetic Human DR3 (aa 59-77)(ED) Blocking Peptide

Catalog No.	PX068BP	**Quantity:**	50 µg

Alternate Names: RP4-650H14.2, APO-3, DDR3, DR3, LARD, TNFRSF12, TR3, TRAMP, WSL-1, WSL-LR, tumor necrosis factor receptor superfamily member 25, protein WSL-1, death receptor 3, 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, lymphocyte-associated receptor of death, translocating chain-association membrane protein, tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein)

Description: Amino acids 59 to 77 of human DR3.

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.

Gene ID: 8718

Application: The peptide is used for blocking the activity of anti-DR3. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

Formulation: It is supplied as 200 µg/ml, 50 µg/vial , in PBS pH7.2 (10 mM NaH_2PO_4, 10 mM, Na_2HPO_4, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Sequence: APCTEPCGNSTCLVCPQDT

Storage & Stability: Store at -20°C, stable for one year.

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