

Product datasheet for **AM26797RP-N**

DR3 (TNFRSF25) Mouse Monoclonal Antibody [Clone ID: JD3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	JD3
Applications:	FC
Recommended Dilution:	Flow Cytometry analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Reactivity:	Hamster
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human DR3-Ig fusion protein
Specificity:	This antibody recognizes DR3 (APO-3, TNFRSF12), a transmembrane protein of TNFR superfamily expressed mainly in lymphocyte-enriched tissues.
Formulation:	Phosphate buffered saline (PBS) containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent Label: PE State: Liquid purified Ig fraction Label: Conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor receptor superfamily member 25
Database Link:	Q93038



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Background:

DR3, also known as APO-3, TRAMP or TNFRSF12, is a death domain-containing receptor of TNFR family, which is expressed preferentially in peripheral blood leukocytes and in the lymphocyte-enriched tissues. Its expression has been shown to be especially up-regulated in activated T cells. DR3 participates e.g. in the removal of self-reactive T cells in the thymus. The ligand for DR3 is TL1A (TNF-like ligand 1A), which is expressed in a variety of cell types (induced by inflammatory stimuli), and can also be released as a soluble factor. The TL1A/DR3 axis has been shown to costimulate T cells to produce a wide variety of cytokines and leads to T cell differentiation towards Th1 and Th17 types.

Synonyms:

APO3, DDR3, TNFRSF12, WSL, WSL1, Apo-3, AIR, Death receptor 3, LARD, Protein WSL, Protein WSL-1