

Product datasheet for **AM31207AF-N**

DcR1 (TNFRSF10C) Mouse Monoclonal Antibody [Clone ID: B-D44]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B-D44
Applications:	FN
Recommended Dilution:	Functional Assay: Inhibits TRAIL binding to TRAIL R3.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human TRAIL R3/Fc chimera. Hybridoma: Myeloma X63/AG.8653 x Balb/c spleen cells.
Specificity:	Recognizes the soluble antigen. Recognizes the 75-90kDa protein.
Formulation:	Phosphate-buffered saline without Carrier and preservatives. This product is sterile-filtered through 0.22 µm and treated to remove Endotoxins. State: Azide Free State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor receptor superfamily member 10c
Database Link:	Entrez Gene 8794 Human O14798



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Background:	TRAIL-R3 (CD263, TR3, DcR1, LIT, TRID), expressed mainly on neutrophils, belongs to receptors of TRAIL, a TNF-like membrane cytotoxic protein that induces apoptosis in many tumour cells, but not in normal cells. TRAIL-R3, however, is a GPI-anchored protein that lacks cytoplasmic death domain, thus it is unable to induce apoptosis and serves as a negative regulator of apoptotic signaling by competing for binding of TRAIL with death receptor 5 (DR5).
Synonyms:	Decoy receptor 1, TNFRSF10C, DCR1, LIT, TRID, TRAIL receptor 3, TRAIL-R3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity