

## Product datasheet for **AM01323FC-N**

### **DcR1 (TNFRSF10C) Mouse Monoclonal Antibody [Clone ID: 2B8]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	2B8
<b>Applications:</b>	FC, IP
<b>Recommended Dilution:</b>	Flow cytometry (Neat - 1/10): use 10 µl of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100 µl.
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	DcR1-Fc chimaeric protein. Lymph node cells from immunised mice were fused with cells of the P3U1 myeloma cell line.
<b>Specificity:</b>	This antibody recognises CD263, a 60 kD cell surface protein.
<b>Formulation:</b>	PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate Isomer 1
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity chromatography on Protein G
<b>Conjugation:</b>	FITC
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	tumor necrosis factor receptor superfamily member 10c
<b>Database Link:</b>	<a href="#">Entrez Gene 8794 Human</a> <a href="#">O14798</a>



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- Background:** CD263 is a member of the tumour necrosis factor (TNF) receptor superfamily that binds to TNF-related apoptosis inducing ligand (TRAIL). As the receptor does not possess cytoplasmic death domains it cannot induce apoptosis, but instead plays an important role in inhibiting TRAIL-induced apoptosis. CD263 is expressed in normal tissues including heart, skeletal tissues and peripheral blood neutrophils, but weakly expressed in tumour cells.
- Synonyms:** Decoy receptor 1, TNFRSF10C, DCR1, LIT, TRID, TRAIL receptor 3, TRAIL-R3
- Note:** The 2B8 antibody does not inhibit DcR1 (CD263) inhibitory function in TRAIL-induced apoptosis.