

Product datasheet for **AM03038RP-N**

DcR1 (TNFRSF10C) Mouse Monoclonal Antibody [Clone ID: TRAIL-R3-02]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | TRAIL-R3-02 |
| Applications: | FC |
| Recommended Dilution: | Flow Cytometry: 3 µg/ml. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | TRAIL-R3 (aa 1-280) - hIgGhc fusion protein |
| Specificity: | The antibody TRAIL-R3-02 reacts with TRAIL-R3, a 35 kDa GPI-anchored extracellular membrane protein expressed mainly on neutrophils. |
| Formulation: | PBS containing 15 mM Sodium Azide as preservative and 0.2% (w/v) high-grade BSA (Protease free) as stabilizer. Label: PE State: Liquid purified IgG fraction. Label: Conjugated with R-Phycoerythrin under optimum conditions |
| Concentration: | lot specific |
| Purification: | Size-Exclusion Chromatography. |
| Conjugation: | PE |
| Storage: | Store the antibody in the dark at 2-8°C. DO NOT FREEZE! Avoid prolonged exposure to light. |
| 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 |