

## Product datasheet for **AM31200AF-N**

### TRAIL (TNFSF10) Mouse Monoclonal Antibody [Clone ID: B-T24]

#### Product data:

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| Product Type:         | Primary Antibodies   |
| Clone Name:           | B-T24  |
| Applications:         | FN   |
| Recommended Dilution: | <b>Functional Assay:</b> Inhibits TRAIL induced apoptosis.   |
| Reactivity:           | Human  |
| Host:                 | Mouse  |
| Isotype:              | IgG1   |
| Clonality:            | Monoclonal   |
| Immunogen:            | Recombinant Human TRAIL.<br><b>Hybridoma:</b> Myeloma X63/AG.8653 x Balb/c spleen cells.   |
| Specificity:          | Recognizes the soluble antigen.<br>Recognizes the TRAIL, APO2L antigen, a 32 kDa protein.  |
| Formulation:          | Phosphate-buffered saline without Carrier and preservatives.<br>This product is sterile-filtered through 0.22 µm and treated to remove Endotoxins.<br>State: Azide Free<br>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 superfamily member 10  |
| Database Link:        | <a href="#">Entrez Gene 8743 Human P50591</a>  |



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| <b>Background:</b>       | TRAIL (TNF-related apoptosis-inducing ligand), a member of the TNF ligand family, is a type II membrane protein and expressed in a variety of human tissues. Two death domains containing receptors DR4 and DR5 have been identified as the receptors for TRAIL and two decoy receptors designated DcR1 and DcR2 inhibit TRAIL function. The multiple receptors suggest a complex role for regulation of signaling by the cytokine. TRAIL induces apoptosis and NF- $\kappa$ B activation in many tissues and cells. |
| <b>Synonyms:</b>         | Apo-2 ligand, TNFSF10, APO2L, Apo-2L   |
| <b>Protein Families:</b> | Druggable Genome, Transmembrane  |
| <b>Protein Pathways:</b> | Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity   |