

# Product Datasheet

## TRAILR3/TNFRSF10C Antibody (90906) [PE] FAB6302P-0.5ml

Unit Size: 0.5 ml

Store at 4C in the dark.

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**FAB6302P-0.5ml**

TRAILR3/TNFRSF10C Antibody (90906) [PE]

**Product Information**

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.5 ml                                                                                      |
| <b>Concentration</b> | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C in the dark.                                                                    |
| <b>Clonality</b>     | Monoclonal                                                                                  |
| <b>Clone</b>         | 90906                                                                                       |
| <b>Preservative</b>  | 0.05% Sodium Azide                                                                          |
| <b>Isotype</b>       | IgG1                                                                                        |
| <b>Conjugate</b>     | PE                                                                                          |
| <b>Purity</b>        | Protein A or G purified from hybridoma culture supernatant                                  |
| <b>Buffer</b>        | PBS                                                                                         |

**Product Description**

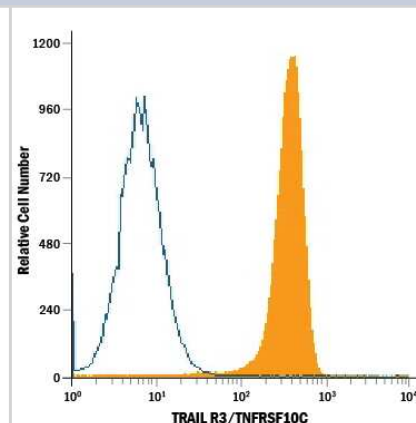
|                                |                                                                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>                    | Mouse                                                                                                                                                                                                     |
| <b>Gene ID</b>                 | 8794                                                                                                                                                                                                      |
| <b>Gene Symbol</b>             | TNFRSF10C                                                                                                                                                                                                 |
| <b>Species</b>                 | Human                                                                                                                                                                                                     |
| <b>Specificity/Sensitivity</b> | Detects human TRAIL R3/TNFRSF10C in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) TRAIL R2, rhTRAIL R1, or rhTRAIL R4 is observed. |
| <b>Immunogen</b>               | Mouse myeloma cell line NS0-derived recombinant human TRAIL R3/TNFRSF10C<br>Met1-Ala221<br>Accession # O14798                                                                                             |

**Product Application Details**

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>          | Flow Cytometry                                                         |
| <b>Recommended Dilutions</b> | Flow Cytometry 10 uL/10 <sup>6</sup> cells                             |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined. |

**Images**

Human peripheral blood granulocytes were stained with Mouse Anti-Human TRAIL R3/TNFRSF10C PE-conjugated Monoclonal Antibody (Catalog # FAB6302P, filled histogram) or isotype control antibody (Catalog # IC002P, open histogram). View our protocol for [Staining Membrane-associated Proteins](#).



## Publications

Tang X, Lu J, Tu H, Huang K, Fu R, Cao G, Huang M, Cheng L, Dai L, Zhang L TRAIL-engineered bone marrow-derived mesenchymal stem cells: TRAIL expression and cytotoxic effects on C6 glioma cells. *Anticancer Res*, 2014-02-01;34(2):729-34. 2014-02-01 [PMID: 24511006] (Flow Cytometry, Rat)

Secchiero P, Melloni E, Corallini F, Beltrami AP, Alviano F, Milani D, D'Aurizio F, di Iasio MG, Cesselli D, Bagnara GP, Zauli G Tumor necrosis factor-related apoptosis-inducing ligand promotes migration of human bone marrow multipotent stromal cells. *Stem Cells*, 2008-09-04;26(11):2955-63. 2008-09-04 [PMID: 18772312] (Flow Cytometry, Human)

Gojo I, Tan M, Fang H, Sadowska M, Lapidus R, Baer M, Carrier F, Beumer J, Anyang B, Srivastava R, Espinoza-Delgado I, Ross D Translational phase I trial of vorinostat (suberoylanilide hydroxamic acid) combined with cytarabine and etoposide in patients with relapsed, refractory, or high-risk acute myeloid leukemia. *Clin Cancer Res*, 2013-02-12;19(7):1838-51. 2013-02-12 [PMID: 23403629] (Flow Cytometry, Human)

Dunn C, Brunetto M, Reynolds G, Christophides T, Kennedy PT, Lampertico P, Das A, Lopes AR, Borrow P, Williams K, Humphreys E, Afford S, Adams DH, Bertoletti A, Maini MK Cytokines induced during chronic hepatitis B virus infection promote a pathway for NK cell-mediated liver damage. *J. Exp. Med.*, 2007-03-12;204(3):667-80. 2007-03-12 [PMID: 17353365] (Flow Cytometry, Human)

D Jaworska, E Szliszka Targeting Apoptotic Activity Against Prostate Cancer Stem Cells *Int J Mol Sci*, 2017-07-29;18(8):. 2017-07-29 [PMID: 28758908] (Flow Cytometry, Human)

Kim SM, Lim JY, Park SI, Jeong CH, Oh JH, Jeong M, Oh W, Park SH, Sung YC, Jeun SS Gene therapy using TRAIL-secreting human umbilical cord blood-derived mesenchymal stem cells against intracranial glioma. *Cancer Res.*, 2008-12-01;68(23):9614-23. 2008-12-01 [PMID: 19047138] (Flow Cytometry, Human)

Kalb ML, Glaser A, Stary G, Koszik F, Stingl G TRAIL(+) human plasmacytoid dendritic cells kill tumor cells in vitro: mechanisms of imiquimod- and IFN-alpha-mediated antitumor reactivity. *J. Immunol.*, 2012-01-09;188(4):1583-91. 2012-01-09 [PMID: 22231699] (Flow Cytometry, Human)

HD Singh, I Otano, K Rombouts, KP Singh, D Peppia, US Gill, K Böttcher, PTF Kennedy, J Oben, M Pinzani, H Walczak, G Fusai, WMC Rosenberg, MK Maini TRAIL regulatory receptors constrain human hepatic stellate cell apoptosis *Sci Rep*, 2017-07-17;7(1):5514. 2017-07-17 [PMID: 28717244] (Flow Cytometry, Human)

Kim , Seong Mu, Woo , Ji Sun, Jeong , Chang Hy, Ryu , Chung He, Jang , Jae-Deog, Jeun , Sin-Soo Potential application of temozolomide in mesenchymal stem cell-based TRAIL gene therapy against malignant glioma. *Stem Cells Transl Med*, 2014-01-16;3(2):172-82. 2014-01-16 [PMID: 24436439] (Flow Cytometry, Human)

Y Shlyakhtin, V Pavet, H Gronemeyer Dual role of DR5 in death and survival signaling leads to TRAIL resistance in cancer cells *Cell Death Dis*, 2017-08-31;8(8):e3025. 2017-08-31 [PMID: 29048428] (Flow Cytometry, Human)

Wu CH, Kao CH, Safa AR TRAIL recombinant adenovirus triggers robust apoptosis in multidrug-resistant HL-60/Vinc cells preferentially through death receptor DR5. *Hum. Gene Ther.*, 2008-07-01;19(7):731-43. 2008-07-01 [PMID: 18476767] (Flow Cytometry, Human)

EB Jo, YS Lee, H Lee, JB Park, H Park, YL Choi, D Hong, SJ Kim Combination therapy with c-met inhibitor and TRAIL enhances apoptosis in dedifferentiated liposarcoma patient-derived cells *BMC Cancer*, 2019-05-24;19(1):496. 2019-05-24 [PMID: 31126284] (Flow Cytometry, Human)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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