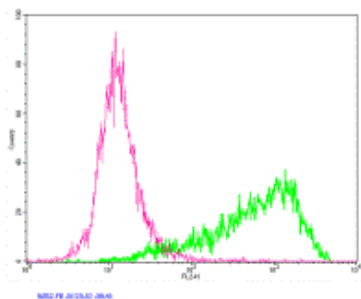


Anti-Mouse CD253 (TRAIL) PE

Catalog Number: 12-5951

Also Known As: APO2L, TNFSF10


RUO: For Research Use Only



Staining of TRAIL-transfected cells with 0.06 µg of Rat IgG2a κ Isotype Control PE (cat 12-4321) (pink histogram) or 0.06 µg of Anti-Mouse CD253 (TRAIL) PE (green histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD253 (TRAIL) PE

 Catalog Number: 12-5951

Clone: N2B2

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG2a, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The N2B2 monoclonal antibody reacts with mouse TNF-related apoptosis-inducing ligand (TRAIL), a member of the TNF superfamily. TRAIL is not detected on the surface of freshly isolated T, B, or NK cells, but can be induced preferentially on CD3⁺ NK1.1⁺ NK cells after stimulation with IL-2 or IL-15. N2B2 inhibits IL-2- or IL-15-activated NK cell cytotoxicity against mouse fibrosarcoma L929 target cells.

Applications Reported

N2B2 has been reported for use in flow cytometric analysis.

Applications Tested

The N2B2 antibody has been tested by flow cytometric analysis of mouse TRAIL transfected cells and can be used at less than or equal to 0.125 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Kayagaki, N., N. Yamaguchi, et al. (1999). Expression and function of TNF-related apoptosis-inducing ligand on murine activated NK cells. *J Immunol* 163(4): 1906-13.

Hayakawa Y, Screpanti V, Yagita H, Grandien A, Ljunggren HG, Smyth MJ, Chambers BJ. NK cell TRAIL eliminates immature dendritic cells in vivo and limits dendritic cell vaccination efficacy. *J Immunol*. 2004 Jan 1;172(1):123-9. (PubMed FA in vivo)

Taieb J, Chaput N, et al. A novel dendritic cell subset involved in tumor immunosurveillance. *Nat Med*. 2006 Feb;12(2):214-9. (PubMed FA in vivo)

Related Products

12-4321 Rat IgG2a K Isotype Control PE

