

Anti-Human TNF beta APC

Catalog Number: 17-7327

Also Known As: Tumor Necrosis Factor beta, TNFb, TNF-b

RUO: For Research Use Only

Product Information

Contents: Anti-Human TNF beta APC

 Catalog Number: 17-7327

Clone: 359-81-11

Concentration: µg size: 0.2 mg/ml; test size: 5 µl (0.06 µg)/test

Host/Isotype: Mouse IgG1

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 359-81-11 antibody reacts with Tumor Necrosis Factor-beta (TNF-β), a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and other target cells.

Applications Reported

The 359-81-11 antibody has been reported for use in detection of human TNF-β by ELISA and intracellular staining for flow cytometric analysis.

Applications Tested

This 359-81-11 antibody is offered in 2 formats:

- µg size: has been tested by intracellular staining and flow cytometric analysis of TH1 polarized restimulated PBMCs. This can be used at less than or equal to 0.125 µg per test. A test is defined as the amount (µg)/test 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.

- test size: has been pre-titrated and tested by intracellular staining and flow cytometric analysis of TH1 polarized restimulated PBMCs. This can be used at test size: 5 µl (0.06 µg)/per test. A test is defined as the amount (µg)/test 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.

References

Meager, A., et al. 1987. A two-site sandwich immunoradiometric assay of human lymphotoxin with monoclonal antibodies and its applications. J. Immunol. Meth. 104-31-42.

Abrams, JS., et al. 1992. Strategies of anti-cytokine monoclonal antibody development. Immunol. Rev. 127: 5-24.

Duddy, M., et al. 2004. Distinct profiles of human B cell effector cytokines: A role in immune regulation? J. Immunol. 172: 3422-3427. (ELISA)

Chun, E., et al. 2003. Tumor eradication by hepatitis B virus X antigen-specific CD8+ T cells in xenografted nude mice. J. Immunol. 170: 1183-1190. (Intracellular staining)

Lima, M., et al. 2003. TCRβ+/CD4+ large granular lymphocytosis: A new clonal T-cell lymphoproliferative disorder. Am J Path 163: 763-771. (Intracellular staining)

Related Products

00-8222 IC Fixation Buffer

00-8333 Permeabilization Buffer (10X)

14-7329 Anti-Human TNF beta Purified (359-238-8)

88-8823 Fixation & Permeabilization Buffers

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