
Anti-Human IL-4 APC

Catalog Number: 17-7049

Also known as: Interleukin-4

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Contents: Anti-Human IL-4 APC
Catalog Number: 17-7049
Clone: 8D4-8
Concentration: ug size: 0.2 mg/mL; test size: 5 uL (0.06 ug)/test
Host/Isotype: Mouse IgG1, kappa

 REF



 LOT



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 8D4-8 antibody reacts with human interleukin-4 (IL-4), a 15-19 kDa cytokine secreted by Th2 cells.

Applications Reported

The 8D4-8 antibody has been reported for use as a capture antibody for human IL-4 ELISA and for intracellular staining for flow cytometric analysis.

Applications Tested

This 8D4-8 antibody is offered in 2 formats:

- µg size: has been tested in intracellular staining and flow cytometric analysis of stimulated human peripheral blood cells. This 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.

- test size: has been pre-titrated and tested in intracellular staining and flow cytometric analysis of stimulated human peripheral blood cells. This can be used at 5 µL (0.06 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.

References

Bird, C., et al. 1991. Development of immunoassays for human interleukin-3 and interleukin-4, some of which discriminate between different recombinant cDNA-derived molecules. *Cytokine*. 3: 562-567.

Related Products

00-8222 IC Fixation Buffer
00-8333 Permeabilization Buffer (10X)
16-7048 Anti-Human IL-4 Functional Grade Purified (MP4-25D2)
17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.8.1)
88-8823 Fixation & Permeabilization Buffers

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