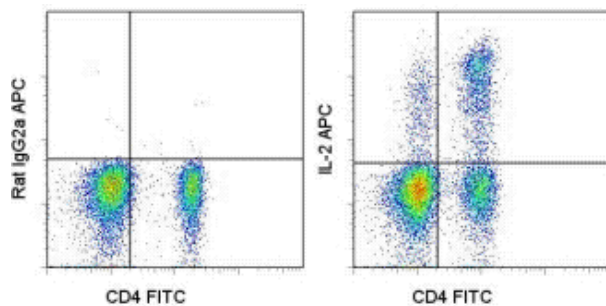


Anti-Human IL-2 APC

Catalog Number: 17-7029

Also Known As: Interleukin-2

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



Normal human peripheral blood cells were stimulated with PMA/Ionomycin in the presence of Brefeldin A for 5 hours, then surface stained with Anti-Human CD4 FITC (cat. 11-0049), followed by intracellular staining with Rat IgG2a kappa Isotype Control APC (cat. 17-4321) (left) or Anti-Human IL-2 APC (right). Total viable cells were used for analysis.

Product Information

Contents: Anti-Human IL-2 APC

REF **Catalog Number:** 17-7029

Clone: MQ1-17H12

Concentration: ug size: 0.2 mg/mL; test size: 5 uL (0.125 ug)/test

Host/Isotype: Rat IgG2a, kappa

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 MQ1-17H12 antibody reacts with human interleukin-2 (IL-2), a 17 kDa T cell growth factor and a major immunoregulatory cytokine. The MQ1-17H12 antibody is a non-neutralizing antibody.

Applications Reported

MQ1-17H12 has been reported for use in staining of intracellular IL-2.

Applications Tested

This MQ1-17H12 antibody is tested by intracellular staining and flow cytometric analysis of activated human PBMC. It is offered in 2 formats:

- μ g size: has been tested intracellular staining and flow cytometric analysis of activated human PBMC. This can be used at less than or equal to 0.25 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 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 intracellular staining and flow cytometric analysis of activated human PBMC. This can be used at 5 μ L (0.125 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Andersson J, Abrams J, Björk L, Funa K, Litton M, Agren K, Andersson U. Concomitant in vivo production of 19 different cytokines in human tonsils. Immunology. 1994 Sep;83(1):16-24.

Abrams JS, Roncarolo MG, Yssel H, Andersson U, Gleich GJ, Silver JE. Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. Immunol Rev. 1992 Jun;127:5-24.

Related Products

11-0049 Anti-Human CD4 FITC (RPA-T4)

13-7028 Anti-Human IL-2 Biotin (Polyclonal)

17-4321 Rat IgG2a K Isotype Control APC (eBR2a)

88-7926 Human IL-2 (Interleukin-2, IL2) ELISA Ready-SET-Go! Kit (See replacement item 88-7025)

88-8823 Intracellular Fixation & Permeabilization Buffer (plus Brefeldin A) (previously named IC Fixation & Permeabilization Buffer)

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