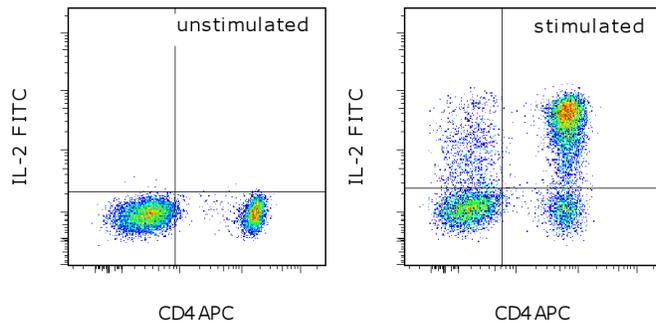


Anti-Human IL-2 FITC

Catalog Number: 11-7029

Also known as: Interleukin-2

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



Normal human peripheral blood cells were unstimulated (left) or stimulated with Cell Stimulation Cocktail (plus protein transport inhibitors) (cat. 00-4975) for 5 hours (right). The cells were intracellularly stained with Anti-Human CD4 APC (cat. 17-0047) and Rat IgG2a K Isotype Control FITC (cat. 11-4321) or Anti-Human IL-2 FITC. Viable cells, as determined by Fixable Viability Dye eFluor[®] 780 (cat. 65-0865), in the lymphocyte gate were used for analysis.

Product Information



Contents: Anti-Human IL-2 FITC

Catalog Number: 11-7029

Clone: MQ1-17H12

Concentration: ug size: 0.5 mg/mL; test size: 5 uL (0.5 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 intracellular flow cytometric analysis.

Applications Tested

This MQ1-17H12 antibody is offered in 2 formats:

- μ g size: has been tested by intracellular staining and flow cytometric analysis of stimulated normal human peripheral blood cells. This can be used at less than or equal to 1 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 by intracellular staining and flow cytometric analysis of stimulated normal human peripheral blood cells. This can be used at 5 μ L (0.5 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, Funari 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.

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Related Products

00-4975 Cell Stimulation Cocktail (plus protein transport inhibitors) (500X)

11-4321 Rat IgG2a K Isotype Control FITC (eBR2a)

17-0047 Anti-Human CD4 APC (SK3 (SK-3))

65-0865 Fixable Viability Dye eFluor[®] 780

88-8824 Intracellular Fixation & Permeabilization Buffer Set

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