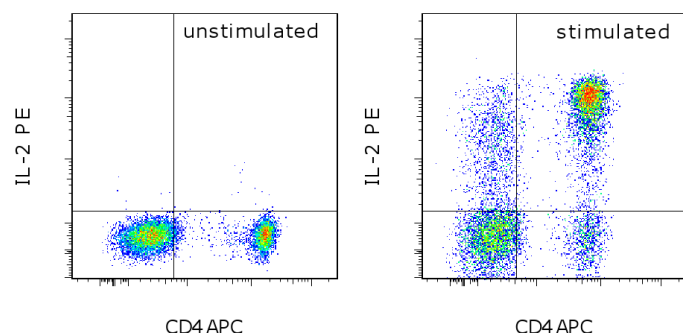


Anti-Human IL-2 PE

Catalog Number: 12-7029

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 (right) with Cell Stimulation Cocktail (plus protein transport inhibitors) (cat. 00-4975). Cells were intracellularly stained with Anti-Human CD4 APC (cat. 17-0047) and Rat IgG2a K Isotype Control PE (cat. 12-4321) or Anti-Human IL-2 PE. 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 PE

Catalog Number: 12-7029

Clone: MQ1-17H12

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

Host/Isotype: Rat IgG2a, kappa



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 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 of stimulated normal human peripheral blood cells. 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 by intracellular staining of stimulated normal human peripheral blood cells. 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

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Anti-Human IL-2 PE

Catalog Number: 12-7029

Also known as: Interleukin-2

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

12-4321 Rat IgG2a K Isotype Control PE (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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