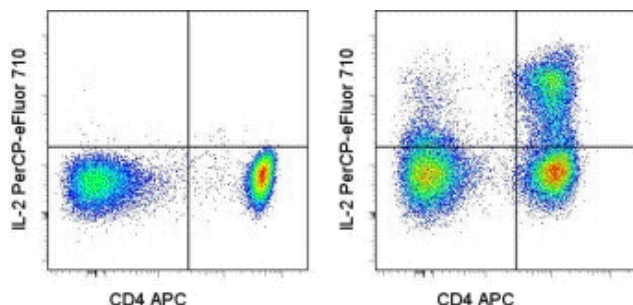


Anti-Human IL-2 PerCP-eFluor® 710

Catalog Number: 46-7029

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 PMA/ionomycin in the presence of Brefeldin A for 5 hours (right), then intracellularly stained with Anti-Human CD4 APC (cat. 17-0049) and Anti-Human IL-2 PerCP-eFluor® 710. Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human IL-2 PerCP-eFluor® 710

REF **Catalog Number:** 46-7029

Clone: MQ1-17H12

Concentration: 5 µL (0.06 µg)/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.

LOT **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

This MQ1-17H12 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This MQ1-17H12 antibody has been pre-titrated and tested by flow cytometric analysis of activated human peripheral blood cells. This can be used at 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.

PerCP-eFluor® 710 can be used in place of PE-Cy5, PE-Cy5.5 or PerCP-Cy5.5. PerCP-eFluor® 710 emits at 710 nm and is excited with the blue laser (488 nm). Please make sure that your instrument is capable of detecting this fluorochrome. For a filter configuration, we recommend using the 685 LP dichroic mirror and 710/40 band pass filter, however the 695/40 band pass filter is an acceptable alternative.

Our testing indicates that PerCP-eFluor® 710 conjugated antibodies are stable when stained samples are exposed to freshly prepared 2% formaldehyde overnight at 4°C, but please evaluate for alternative fixation protocols.

Click [here](#) or contact eBioscience Technical Support for more information on eFluor® Organic Dyes including PerCP-eFluor® 710.

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

17-0049 Anti-Human CD4 APC (RPA-T4)

46-4321 Rat IgG2a K Isotype Control PerCP-eFluor® 710 (eBR2a)

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