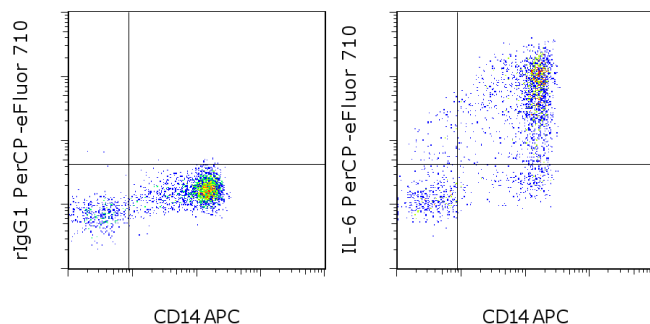


Anti-Human IL-6 PerCP-eFluor® 710

Catalog Number: 46-7069

Also known as: Interleukin-6, IFNB2

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



Normal human peripheral blood cells stimulated for 5 hours with LPS in the presence of monensin were surface stained with Anti-Human CD14 FITC (cat. 11-0149). Cells were then fixed and permeabilized using the Fixation & Permeabilization Buffers (cat. 88-8823) and intracellularly stained with Rat IgG1 K Isotype Control PerCP-eFluor® 710 (cat. 46-4301) (left) or Anti-Human IL-6 PerCP-eFluor® 710 (right). Cells in the monocyte gate were used for analysis.

Product Information

Contents: Anti-Human IL-6 PerCP-eFluor® 710



Catalog Number: 46-7069

Clone: MQ2-13A5

Concentration: 5 µL (0.125 µg)/test

Host/Isotype: Rat IgG1, 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

Contains sodium azide

Description

The MQ2-13A5 antibody reacts with human interleukin-6 (IL-6), a 21-28 kDa cytokine secreted by a variety of cell types.

Applications Reported

This MQ2-13A5 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This MQ2-13A5 antibody 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 µL (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.

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.

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.

Gaines Das RE, Poole S. The international standard for interleukin-6. Evaluation in an international collaborative study. *J Immunol Methods*. 1993 Apr 2;160(2):147-53.

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Related Products

00-4505 Monensin Solution (1000X)

11-0149 Anti-Human CD14 FITC (61D3)

46-4301 Rat IgG1 K Isotype Control PerCP-eFluor® 710

88-8823 Fixation & Permeabilization Buffers