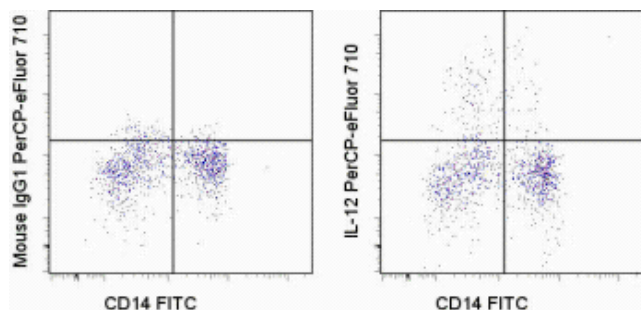


Anti-Human IL-12/IL-23 p40 PerCP-eFluor® 710

Catalog Number: 46-7235

Also Known As: Interleukin-12, IL12 / Interleukin-23, IL23

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



Intracellular staining of normal human peripheral blood cells stimulated with LPS and IFN gamma in the presence of Brefeldin A with Anti-Human CD14 FITC (cat. 11-0149) and Mouse IgG1 kappa Isotype Control PerCP-eFluor® 710 (cat. 46-4714) (left) or Anti-Human IL-12/IL-23 p40 PerCP-eFluor® 710 (right). Live cells in the monocyte gate were used for analysis.

Product Information

Contents: Anti-Human IL-12/IL-23 p40 PerCP-eFluor® 710


REF **Catalog Number:** 46-7235

Clone: eBioHP40 (HP40, HP-40)


Concentration: 5 µl (0.03 µg)/test

Host/Isotype: Mouse 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

 **Caution, contains Azide**

Description

The eBioHP40 antibody reacts with the p40 subunit of human IL-12 p70, and human IL-23. IL-12 is a 70 kDa heterodimeric cytokine composed of two covalently linked chains, p40 and p35, and is secreted primarily by activated monocytes, macrophages, and dendritic cells. IL-23 is a biologically-related, heterodimeric cytokine composed of disulfide-linked p40 and p19 subunits.

The eBioHP40 antibody has slightly lower background staining than C8.6 and recognizes a different epitope.

Applications Reported

This eBioHP40 (HP40, HP-40) antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This eBioHP40 (HP40, HP-40) 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 (0.03 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

Cho, D., et al. 1996. Enhancement of porcine natural killer cell activity by recombinant human and murine IL-12. *Cell Immunol.* 172: 29-34.

Aragane, Y, et al. 1994. IL-12 is expressed and released by human keratinocytes and epidermoid carcinoma cell lines. *J Immunol.* 153:

5366-72.

Related Products

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

46-4714 Mouse IgG1 K Isotype Control PerCP-eFluor® 710 (P3.6.2.1)

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Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com