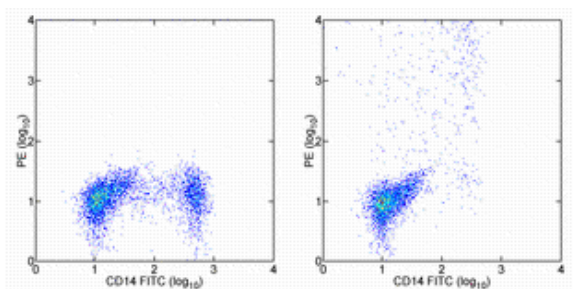


## Anti-Human IL-12/IL-23 p40 PE

**Catalog Number:** 12-7235

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

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



Intracellular staining of unstimulated (left) or IFN gamma, LPS, and Monensin stimulated (right) normal human peripheral blood cells with Anti-Human CD14 FITC (cat. 11-0149) and Anti-Human IL-12/IL-23 p40 PE. Cells in the monocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Human IL-12/IL-23 p40 PE

**REF** **Catalog Number:** 12-7235

**Clone:** eBioHP40 (HP40, HP-40)

**Concentration:** 5  $\mu$ L (0.06  $\mu$ g)/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

The C8.6 antibody has been reported for use in intracellular flow cytometric analysis.

### Applications Tested

This eBioHP40 (HP40, HP-40) antibody has been pre-titrated and tested by intracellular staining and flow cytometric analysis or stimulated normal human peripheral blood cells. This can be used at 5  $\mu$ L (0.06  $\mu$ g) per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from  $10^5$  to  $10^8$  cells/test.

### 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)

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.1)

12-7123 Anti-Mouse IL-12/IL-23 p40 PE (C17.8)

12-7129 Anti-Human IL-12/IL-23 p40 PE (C8.6)

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