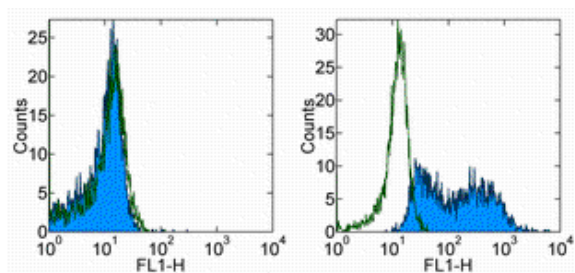


## Anti-Human IL-12/IL-23 p40 Alexa Fluor® 488

**Catalog Number:** 53-7129

**Also Known As:** Interleukin-12/Interleukin-23, p40/70

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



Intracellular staining of unstimulated (left) or 2-hour IFN gamma and overnight LPS-stimulated (right) normal human peripheral blood cells with staining buffer (autofluorescence) (open histogram) or Anti-Human IL-12 p40 Alexa Fluor® 488 (filled histogram). Cells in the monocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Human IL-12/IL-23 p40 Alexa Fluor® 488

**REF** **Catalog Number:** 53-7129

**Clone:** C8.6

**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.

**LOT** **Batch Code:** Refer to Vial

**Use By:** Refer to Vial

**Caution, contains Azide**

### Description

The C8.6 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 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.

### Applications Tested

This C8.6 antibody has been pre-titrated and tested by intracellular staining of IFN $\gamma$  LPS activated human PBMCs. This can be used at 5 µL (0.03 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 10<sup>5</sup> to 10<sup>8</sup> 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

00-8222 IC Fixation Buffer

00-8333 Permeabilization Buffer (10X)

14-8319 Human IFN gamma Recombinant Protein

53-4714 Mouse IgG1 K Isotype Control Alexa Fluor® 488 (P3.6.2.1)

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