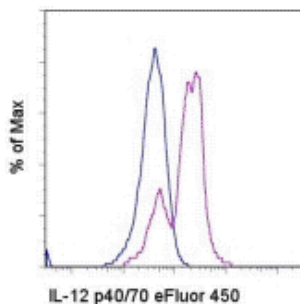


## Anti-Human IL-12/IL-23 p40 eFluor® 450

**Catalog Number:** 48-7129

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

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



Intracellular staining of IFN gamma/LPS-stimulated normal human peripheral blood cells with Mouse IgG1 K Isotype Control eFluor® 450 (cat. 48-4714) (blue histogram) or Anti-Human IL-12/ IL-23 p40 eFluor® 450 (purple histogram). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Human IL-12/IL-23 p40 eFluor® 450


**REF** **Catalog Number:** 48-7129

**Clone:** C8.6


**Concentration:** 5 µL (0.25 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 Reported

This C8.6 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

**eFluor® 450 is a replacement for Pacific Blue®. eFluor® 450 emits at 456 nm and is excited with the Violet laser. Please make sure that your instrument is capable of detecting this fluorochrome.**

### Applications Tested

This C8.6 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 (0.25 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 10<sup>5</sup> to 10<sup>8</sup> cells/test.

**eFluor™ 450 is a replacement for Pacific Blue®. eFluor™ 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.**

### 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

17-0048 Anti-Human CD4 APC (OKT4 (OKT-4))

48-4714 Mouse IgG1 K Isotype Control eFluor® 450 (P3.6.2.1)

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