
Anti-Human IL-12/IL-23 p40 Purified

Catalog Number: 14-7129

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

RUO: For Research Use Only

Product Information

Contents: Anti-Human IL-12/IL-23 p40 Purified

 **Catalog Number:** 14-7129

Clone: C8.6

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C.

 **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

Unlabeled C8.6 has been reported for use as a cold mAb control to block fluorochrome conjugated C8.6 in staining of intracellular IL-12 and in immunoblotting under nonreducing conditions. C8.6 has also been reported for use in cytokine neutralization. (Please use Functional Grade purified C8.6, cat. 16-7129, in functional assays.)

Applications Tested

The unconjugated C8.6 antibody has been tested as a cold mAb control to block fluorochrome conjugated C8.6 in staining of intracellular IL-12 and nonreducing immunoblots at 2 ug/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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)

14-4714 Mouse IgG1 K Isotype Control Purified

14-8129 Human IL-12 p70 Recombinant Protein

88-8823 Fixation & Permeabilization Buffers

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