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

Catalog Number: 16-7129

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

RUO: For Research Use Only

Product Information

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

 **Catalog Number:** 16-7129

Clone: C8.6

Concentration: 1 mg/mL

Host/Isotype: Mouse IgG1, kappa

Handling Conditions: Use in sterile environment.

Endotoxin Level: Less than 0.001 ng/ug antibody, as determined by the LAL assay.

Formulation: aqueous buffer, no sodium azide



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial

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

The C8.6 antibody has been reported for use ELISA, ELISPOT and neutralization.

Applications Tested

The Functional Grade Purified C8.6 antibody has been tested by LAL assay to verify low endotoxin levels and has been tested for ELISA detection and in bioassay for neutralization of IL-12 p70 and IL-23 bioactivity.

The C8.6 antibody at 60.0 ng/mL has been found to inhibit by 50% the biological effects of 1 ng/mL human IL-12 p70 (14-8129) or human IL-23 (14-8239), in corresponding bioassay. Detailed information and protocols about cytokine bioassays and in vitro cytokine neutralization using antibodies can be found in the BestProtocols® section.

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)

14-8129 Human IL-12 p70 Recombinant Protein

16-4714 Mouse IgG1 K Isotype Control Functional Grade Purified

88-8823 Fixation & Permeabilization Buffers

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