

Anti-Mouse IL-12/IL-23 p40 PerCP-Cyanine5.5

Catalog Number: 45-7123 Also Known As:Interleukin-12, IL12 / Interleukin-23, IL23 p40 RUO: For Research Use Only. Not for use in diagnostic procedures.



Product Information

Contents: Anti-Mouse IL-12/IL-23 p40 PerCP-Cyanine5.5

REF Catalog Number: 45-7123

Clone: C17.8

Concentration: 0.2 mg/mL Host/Isotype: Rat IgG2a, kappa Intracellular staining of thioglycolate-induced peritoneal exudate cells stimulated overnight with LPS in the presence of Brefeldin A with 0.25 ug of Rat IgG2a K Isotype Control PerCP-Cyanine5.5 (cat. 45-4321) (left) or 0.25 ug of Anti-Mouse IL-12/IL-23 p40 PerCP-Cyanine5.5 (right).

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

Temperature Limitation: Store at 2-8°C. Do not freeze. Light

4 sensitive material.

LOT Batch Code: Refer to Vial

- Use By: Refer to Vial
- 🔨 Contains sodium azide

Description

The C17.8 antibody reacts with the p40 subunit of IL-12 and IL-23. The C17.8 antibody has been found to neutralize IL-12 and IL-23 bioactivity. For specific neutralization of IL-23 only, please see clone G23-8 (anti-mouse IL-23 p19). IL-12 is a 70 kDa heterodimeric cytokine composed of two covalently linked chains, p40 and p35, and is secreted by activated monocytes, macrophages, and dendritic cells. IL-23 is a heterodimer composed of the disulfide-linked p19 protein and p40 protein, expressed by activated dendritic cells.

Applications Reported

This C17.8 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This C17.8 antibody has been tested by intracellular staining and flow cytometric analysis of stimulated mouse splenocytes. This can be used at less than or equal to 0.5 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Cho D, Lee WJ, Halloran PJ, Trinchieri G, Kim YB. Enhancement of porcine natural killer cell activity by recombinant human and murine IL-12. Cell Immunol. 1996 Aug 25;172(1):29-34.

Aragane Y, Riemann H, Bhardwaj RS, Schwarz A, Sawada Y, Yamada H, Luger TA, Kubin M, Trinchieri G, Schwarz T. IL-12 is expressed and released by human keratinocytes and epidermoid carcinoma cell lines. J Immunol. 1994 Dec 15;153(12):5366-72.

Related Products

45-4321 Rat IgG2a K Isotype Control PerCP-Cyanine5.5 (eBR2a) 88-8823 Intracellular Fixation & Permeabilization Buffer (plus Brefeldin A) (previously named IC Fixation & Permeabilization Buffer)

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