

IL12B

Mouse Anti-Human IL-12 p40/p70 (Clone B-P40) Azide Free mAb

Catalog No. CDM281 **Quantity:** 500 µg

Alternate Names: CLMF; NKSF; CLMF2; IMD28; IMD29; NKSF2; IL-12B

Description: Mouse Anti-Human IL12p40/p70 Clone B-P40 Azide Free mAb

Background: Interleukin 12 is a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. Interleukin 12 is a disulfide-linked heterodimer composed of the 40 kD cytokine receptor like subunit encoded by this gene, and a 35 kD subunit encoded by IL12A. This cytokine is expressed by activated macrophages that serve as an essential inducer of Th1 cells development.

Concentration: 1 mg/ml

Gene ID: 3593

Conjugate: Unconjugated

Specificity: Recognizes native and recombinant human IL-12, the p40 subunit and the p70 heterodimer.

Host: Mouse

Isotype: IgG1

Immunogen: Recombinant human IL-12

Clone: B-P40

Formulation: Liquid in PBS. Sterile-filtered. Carrier and preservative free.

Purification: Ion exchange chromatography

Applications: ELISA, FC

Application Notes: No effect on IL-12-induced proliferation of lymphocytes activated with PHA + IL-2.

Intracellular Flow Cytometry

Capture Antibody in a human IL-12 sandwich immunoassay to detect human IL-12 in combination with biotinylated human IL-12 p40 + p70 Detection Antibody (Cat No CDM430). Suggested range for ELISA Capture Ab: 0.5 - 2.5 µg/ml

The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Stable at 2-8°C for 1 year. For longer storage, freeze in aliquots at -20°C to -80°C.
Avoid repeated freeze-thaw cycles.

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