

## IL12

### Mouse Anti-Human IL-12 p35/p70 (Clone B-T21) Azide Free mAb

**Catalog No.** CDM271 **Quantity:** 500 µg

**Alternate Names:** Interleukin-12; P35, CLMF, NFSK, NKSF1, IL-12A

**Description:** Mouse Anti-Human IL12p70 Clone B-T21 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:** 3592

**Conjugate:** Unconjugated

**Specificity:** Recognizes natural and recombinant human IL-12, the p35 subunit and p70 heterodimer.

**Host:** Mouse

**Isotype:** IgG1

**Immunogen:** Recombinant Human IL-12

**Clone:** B-T21

**Formulation:** Liquid in PBS. Sterile filtered and treated to remove endotoxins. Carrier and preservative free.

**Purification:** Ion exchange chromatography

**Applications:** Functional Studies, FC, ELISA, ELISPOT

**Application Notes:** Blocks IL-12 induced proliferation on PHA and IL-2 activated lymphocytes.  
Intracellular Flow Cytometry  
Capture Antibody in a human IL-12 sandwich Immunoassay to detect human IL-12 in combination with biotinylated human IL-12 p70 Detection Antibody (Cat No CDM429).  
Suggested concentration range:  
ELISA Capture Ab: 0.3-1 µg/ml ELISPOT Capture: 5-10 µg/ml  
The optimal concentration should be determined by the user for each specific application.

**Storage & Stability:** Stable for up to one year at 2-8°C. Freeze in working aliquots at -20 to -80°C for longer storage. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

