

Rabbit anti-Human IL-12p70 mAb(DET)

Catalog No.: RMK0090

Basic Information

Catalog No.
RMK0090

Category
Elisa Antibody Kit

Application
CLIA assay

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification


Endotoxin Level


Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2µm filtered solution in PBS with 0.1% BSA, MB-1, PH 7.4.

Contact

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Background

Interleukin 12, also known as natural killer cell stimulatory factor (NKSF) or cytotoxic lymphocyte maturation factor (CLMF), is a pleiotropic cytokine originally identified in the medium of activated human B lymphoblastoid cell lines. Biologically active IL-12 is a disulfide-linked, 70 kDa (p70) heterodimeric glycoprotein composed of a 40 kDa (p40) subunit and a 35 kDa (p35) subunit. The p40 subunit of IL-12 has been shown to have extensive amino acid sequence homology to the extracellular domain of the human IL-6 receptor while the p35 subunit shows distant but significant sequence similarity to IL-6, G-CSF, and chicken MGF. These observations have led to the suggestion that IL-12 might have evolved from a cytokine/soluble receptor complex. Human and murine IL-12 share 70% and 60% amino acid sequence homology in their p40 and p35 subunits, respectively. IL-12 apparently shows species specificity with human IL-12 reportedly showing minimal activity in the murine system. IL-12 is produced by macrophages and B lymphocytes and has been s...

Immunogen Information

Immunogen
Recombinant Human IL-12p70 Protein

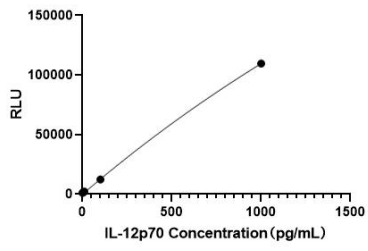
Cross-Reactivity

Assay Applications

Human IL-12p70 CLIA assay

	Recommended Concentration	Sample
CLIA Capture	1-4µg/mL	Rabbit anti-Human IL-12p70 mAb(CAP)(Cat. No.RMK0089)
CLIA Detection	0.5-2µg/mL	Rabbit anti-Human IL-12p70 mAb(DET)(Cat. No.RMK0090)
Standard	2.5-1000pg/mL	Recombinant Human IL-12p70 Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.