

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

Catalog No.: RMK0090

## Basic Information

**Catalog No.**  
RMK0090

**Catagory**  
Elisa Antibody Kit

**Application**  
CLIA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2µm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

## Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

## 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

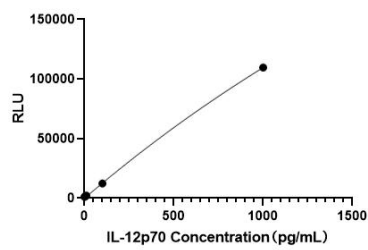
## Cross-Reactivity

## Assay Applications

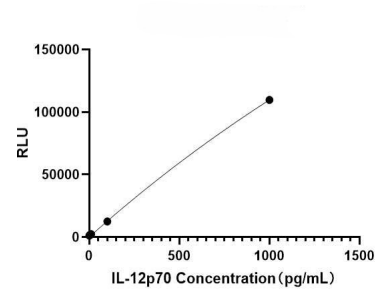
Human IL-12p70 Sandwich Immunoassay

	Recommended Concentration	Sample
CLIA Capture	1-4ug/mL	Rabbit anti-Human IL-12p70 mAb (CAP)(Cat. No.RMK0089)
CLIA Detection	0.5-2ug/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.



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