

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

**Catalog No.:** RM17740

## Basic Information

**Catalog No.**  
RM17740

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA, Multiplex

## 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](mailto:order@abclonal.com)

 | [support@abclonal.com](mailto:support@abclonal.com)

 | [www.abclonal.com](http://www.abclonal.com)

## Background

IL-12 is a heterodimeric cytokine composed of p40 and p35 subunits and is considered a largely pro-inflammatory cytokine. It is naturally produced by dendritic cells, macrophages, neutrophils, and human B-lymphoblastoid cells. IL-12 is crucial for the recruitment and effector functions of CD8+ T and NK cells.

## Immunogen Information

**Immunogen**  
Recombinant IL-12 p70 Protein

## Cross-Reactivity

No cross-reactivity in ELISA assay with recombinant hG-CSF, hIL-6, or IL-6.

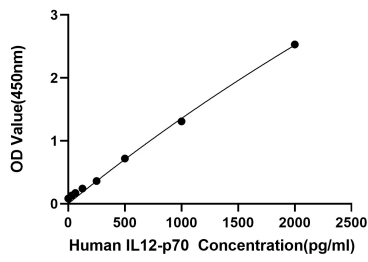
## Assay Applications

Human IL-12 p70 Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	0.5-2µg/mL	Rabbit anti-Human IL-12 p70 mAb (Cat. No. RM17739)
	Detection	0.02-0.08µg/mL	Rabbit anti-Human IL-12 p70 mAb (Cat. No. RM17740)
	Standard	31.25-2000pg/mL	Recombinant Human IL-12 p70 Protein

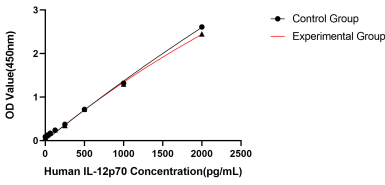
# Validation Data

**Human IL12-p70 ELISA Kit**



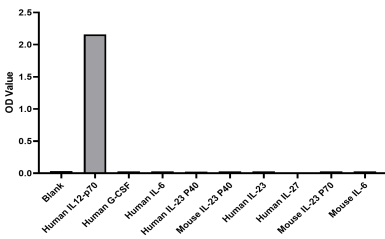
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

**Stability**



Placed at 37°C for 3 days, the stability of the standard curve all conform to CV <10%.

**Specificity**



No significant cross-reactivity or interference was observed.