

# Rabbit anti-Mouse IL-12 p70 mAb

**Catalog No.:** RM17756

## Basic Information

**Catalog No.**  
RM17756

**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 Mouse IL-12 Protein

## Cross-Reactivity

Has cross-reactivity in ELISA with mIL-23, mIL-12p40  
No cross-reactivity in ELISA assay with recombinant mIL-4, mTNF-α, mIFNγ, mIL-6, mIL-2, mIL-9, mVEGF, mIL-10, mIL-1B, mIL-13, mLeptin, mGM-CSF, hIL-12p40, hIL-12p70, hIL-23

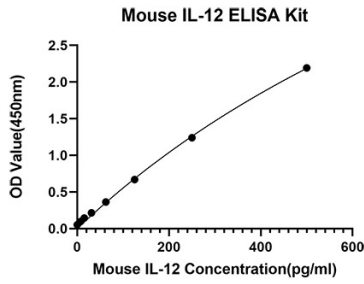
## Assay Applications

Mouse IL-12 p70 ELISA/Multiplex

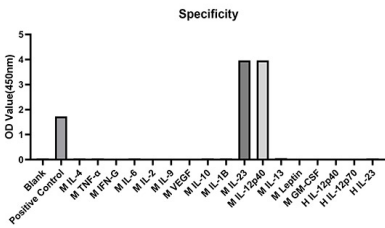
		Recommended Concentration	Sample
ELISA	Capture	2-8ug/mL	Rabbit anti-Mouse IL-12 p70 mAb(Cat. No.RM17756)
	Detection	0.05-0.2ug/mL	Rabbit anti-Mouse IL-12 p70 mAb(Cat. No.RM17757)
	Standard	7.82-500pg/mL	Recombinant Mouse IL-12/IL-12A&IL-12B Protein(Cat. No.RP01691)

Multiplex	Capture	3-20ug/mL	Rabbit anti-Mouse IL-12 p70 mAb(Cat. No.RM17756)
	Detection	0.017-2ug/mL	Rabbit anti-Mouse IL-12 p70 mAb(Cat. No.RM17757)
	Standard	6.86-5000pg/mL	Recombinant Mouse IL-12/IL-12A&IL-12B Protein(Cat. No.RP01691)

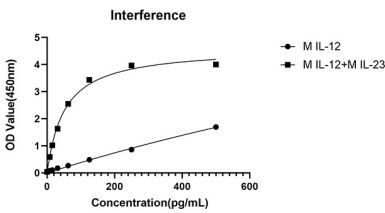
# Validation Data



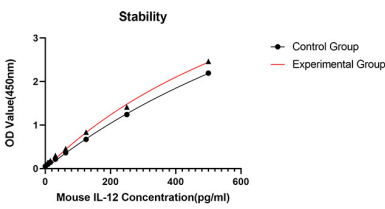
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



From the comparison of the standard curve, it is found that ABclonal has high sensitivity.



No significant cross-reactivity or interference was observed.



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