

# Rabbit anti-Mouse IL-12 p70 mAb

**Catalog No.:** RM17757

## Basic Information

**Catalog No.**

RM17757

**Category**

Elisa Antibody Kit

**Application**

ELISA, Multiplex

## 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.

## Product Information

**Ig Type**

Rabbit IgG

**Purification**

Affinity purification

**Endotoxin Level**

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**Storage**

Store at -20°C.

**Avoid repeated freeze-thaw cycles.**

**Formulation**

Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

## Immunogen Information

**Immunogen**

Recombinant Mouse IL-12 p70 Protein

## Cross-Reactivity

Has cross-reactivity in immunoassay with mIL-23, mIL-12p40

No cross-reactivity in ELISA assay with the recombinant mIL-4, mTNF- $\alpha$ , mIFN $\gamma$ , mIL-6, mIL-2, mIL-9, mVEGF, mIL-10, mIL-1B, Mouse IL-13, mLeptin, mGM-CSF, hIL-12p40, hIL-12p70, hIL-23

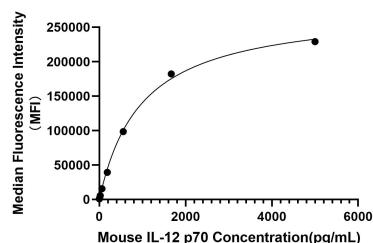
## Assay Applications

Mouse IL-12 p70 Sandwich Immunoassay

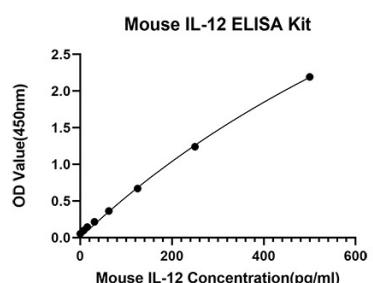
		Recommended Concentration	Sample
ELISA	Capture	2-8 µg/mL	Rabbit anti-Mouse IL-12 p70 mAb (Cat. No. RM17756)
	Detection	0.05-0.2 µg/mL	Rabbit anti-Mouse IL-12 p70 mAb (Cat. No. RM17757)
	Standard	7.82-500 pg/mL	Recombinant Mouse IL-12 Protein (Cat. No. RP01691)

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

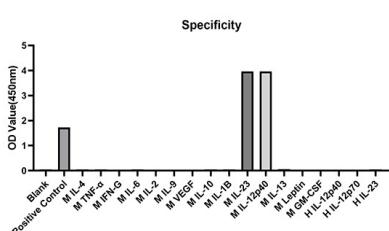
## Validation Data



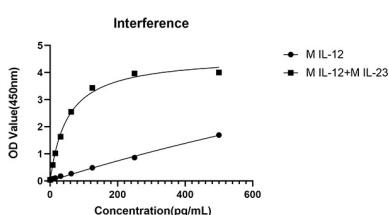
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



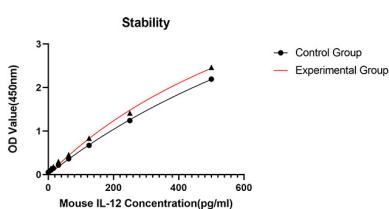
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



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%.