Leader in Biomolecular Solutions for Life Science

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# 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℃
**Avoid repeated freeze-thaw cycles.**

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

## Contact


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## 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 withrecombinant 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

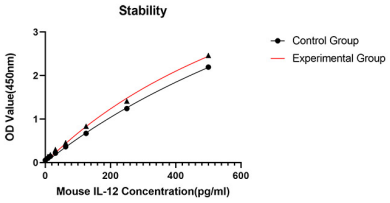
## Assay Applications

Mouse IL-12 p70 ELISA/Multiplex

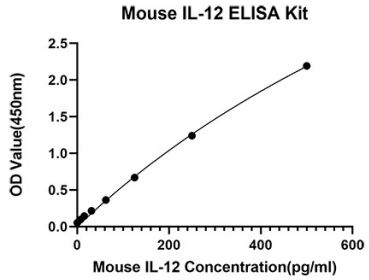
| | | Recommended Concentration | Sample |
|---|---|---|---|
| ELISA | Capture | 2-8ug/mL | Rabbit anti-Mouse IL-12 p70 mAb(Cat. No.RM17756) |
| | Detection | 0.05-0.2ug/mL | Rabbit anti-Mouse IL-12 p70 mAb(Cat. No.RM17757) |
| | Standard | 7.82-500pg/mL | Recombinant Mouse IL-12/IL-12A&IL-12B Protein(Cat.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

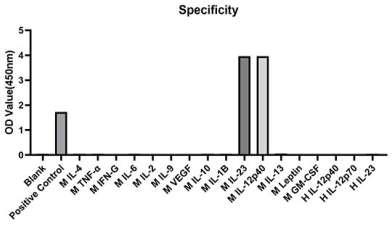
## Validation Data



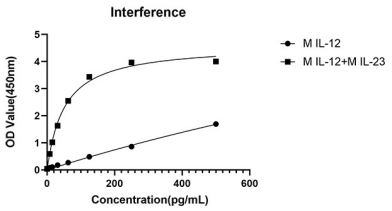

Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.




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




Fromthe comparison of the standard curve, it is found that ABclonal has highsensitivity.




No significant cross-reactivity or interference was observed.