

Rabbit anti-Mouse IL-12 mAb (CAP)

Catalog No.: RM17756

Basic Information

Catalog No.
RM17756

Catagory
Elisa Antibody Kit

Application
ELISA [CAP]

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification


Endotoxin Level


Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.


Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2µm filtered solution in PBS with 0.1% BSA, pH 7.4 containing Mouse IL-12 Antibody.

Contact

 | order@abclonal.com

 | support@abclonal.com

 | 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

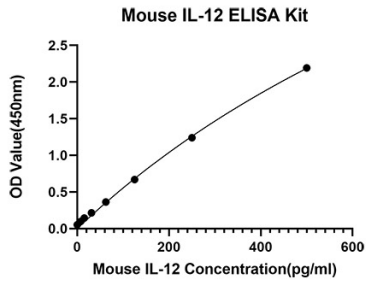
Has cross-reactivity in ELISA with mIL-23, mIL-12p40
No cross-reactivity in ELISA assay with recombinant mIL-4, mTNF-α, mIFNγ, mIL-6, mIL-2, mIL-9, mVEGF, mIL-10, mIL-1B, mIL-13, mLeptin, mGM-CSF, hIL-12p40, hIL-12p70, hIL-23

Assay Applications

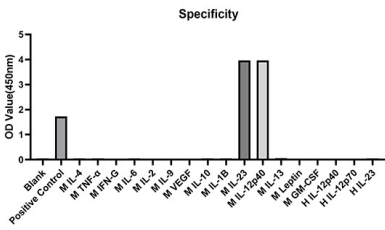
Mouse IL-12 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	2-8µg/mL	Rabbit anti-Mouse IL-12(CAP) [RM17756]
ELISA Detection	0.05-0.2µg/mL	Rabbit anti-Mouse IL-12(DET) [RM17757]
Standard	7.82-500pg/mL	Recombinant Mouse IL-12 Protein

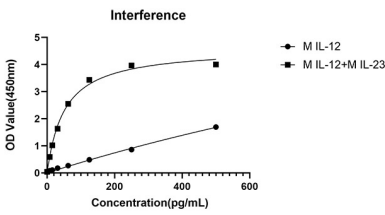
Validation Data



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.