

Rabbit anti-Mouse IL-12 p70 mAb

Catalog No.: RM17757

Basic Information

Catalog No.
RM17757

Catagory
Elisa Antibody Kit

Application
ELISA, Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05% ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2umfiltered 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 , mIFN γ , mIL-6, mIL-2, mIL-9, mVEGF, mIL-10, mIL-1B, mIL-13, mLeptin, mGM-CSF, hIL-12p40, hIL-12p70, hIL-23

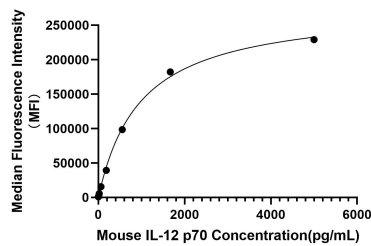
Assay Applications

Mouse IL-12 Multiplex/ELISA

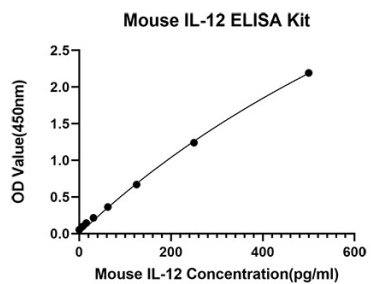
		Recommended Concentration	Sample
Multiplex	Capture	3-20ug/mL	Rabbit anti-Mouse IL-12(RM17756)
	Detection	0.017-2ug/mL	Rabbit anti-Mouse IL-12(RM17757)
	Standard	6.86-5000pg/mL	Recombinant Mouse IL-12 Protein(RP01691)

ELISA	Capture	2-8ug/mL	Rabbit anti-Mouse IL-12(RM17756)
	Detection	0.05-0.2ug/mL	Rabbit anti-Mouse IL-12(RM17757)
	Standard	7.82-500pg/mL	Recombinant Mouse IL-12 Protein(RP01691)

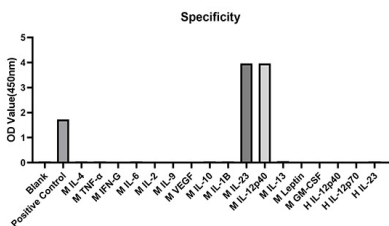
Validation Data



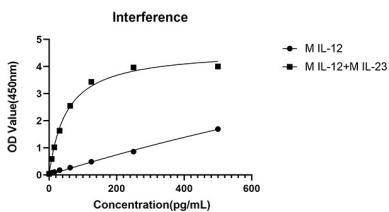
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



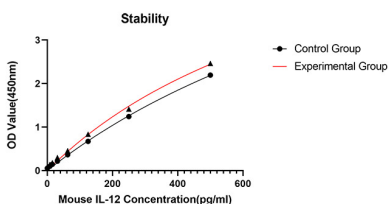
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From the comparison of the standard curve, it is found that ABclonal has high sensitivity.



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%.