

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
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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.

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 p70 Protein

Cross-Reactivity

Has cross-reactivity in immunoassay with mL-23, mL-12p40
No cross-reactivity in ELISA assay withre combinant mL-4, mTNF-α, mIFNγ, mL-6, mL-2, mL-9, mVEGF, mL-10, mL-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)

