Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human IL-12 mAb(CAP)

Catalog No.: RMK0197

Basic Information

Catalog No.
RMK0197

Catagory
Elisa Antibody Kit

Application
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 0.2um filtered solution in PBS,PH 7.4 containing Human IL-12 Antibody.

Contact

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Background

This gene encodes a subunit of interleukin 12, a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. Interleukin 12 is a disulfide-linked heterodimer composed of the 40 kD cytokine receptor like subunit encoded by this gene, and a 35 kD subunit encoded by IL12A. This cytokine is expressed by activated macrophages that serve as an essential inducer of Th1 cells development. This cytokine has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen. Overexpression of this gene was observed in the central nervous system of patients with multiple sclerosis (MS), suggesting a role of this cytokine in the pathogenesis of the disease. The promoter polymorphism of this gene has been reported to be associated with the severity of atopic and non-atopic asthma in children.

Immunogen Information

Immunogen
Recombinant Human IL-12 Protein

Cross-Reactivity

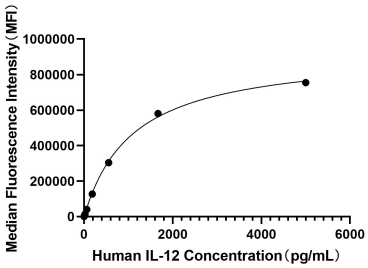
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Assay Applications

Human IL-12 multiplex assay

	Recommended Concentration	Sample
Multiplex Capture	3-20ug/mL	Rabbit anti-Human IL-12 mAb(Cat. No.RMK0197)
Multiplex Detection	0.017-2ug/mL	Rabbit anti-Human IL-12 mAb(Cat. No.RMK0198)
Standard	6.86-5000pg/mL	Recombinant Human IL-12 Protein

Validation Data



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