Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human IL-4 mAb

Catalog No.: RMK0453

Basic Information

Catalog No.
RMK0453

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 with 0.05%ProClin 300,PH 7.4.

Contact

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Background

The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. IL4 is considered an important cytokine for tissue repair, counterbalancing the effects of proinflammatory type 1 cytokines, however, it also promotes allergic airway inflammation. Moreover, IL-4, a type 2 cytokine, mediates and regulates a variety of human host responses such as allergic, anti-parasitic, wound healing, and acute inflammation...

Immunogen Information

Immunogen
Recombinant Human IL-4 Protein

Cross-Reactivity

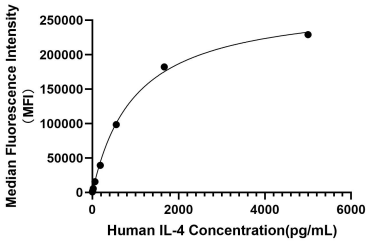
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Assay Applications

Human IL-4 Multiplex

		Recommended Concentration	Sample
Multiplex	Capture	3-20ug/mL	Rabbit anti-Human IL-4 mAb(Cat. No.RMK0452)
	Detection	0.017-2ug/mL	Rabbit anti-Human IL-4 mAb(Cat. No.RMK0453)
	Standard	6.86-5000pg/mL	Recombinant Mouse Human IL-4

Validation Data



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