Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human IL-10 mAb (CAP)

Catalog No.: RM17643

Basic Information

Catalog No.
RM17643

Catagory
Elisa Antibody Kit

Application
Multiplex,CLIA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2μm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

Contact

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Background

The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Immunogen Information

Immunogen
Recombinant Human IL-10 Protein
Ser19-Asn178
Accession #P22301

Cross-Reactivity

No cross-reactivity in multiplex assay with recombinant rIL-10,,mIL-10

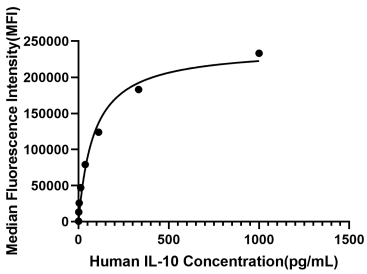
Assay Applications

Human IL-10 Sandwich Immunoassay

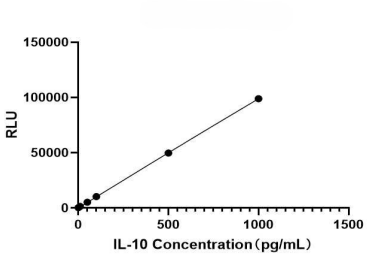
		Recommended Concentration	Sample
CLIA	Capture	1-4ug/mL	Rabbit anti-Human IL-10 mAb (Cat. No. RM17643)
	Detection	0.5-2ug/mL	Rabbit anti-Human IL-10 mAb (Cat. No. RM17644)
	Standard	2.5-1000pg/mL	Recombinant Human IL-10 Protein

Multiplex	Capture	1-4ug/mL	Rabbit anti-Human IL-10 mAb (Cat. No. RM17643)
	Detection	0.5-2ug/mL	Rabbit anti-Human IL-10 mAb (Cat. No. RM17644)
	Standard	1.4-1000pg/mL	Recombinant Human IL-10 Protein

Validation Data



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



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