Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human IL-10 mAb

Catalog No.: RM17638

Basic Information

Catalog No.
RM17638

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
N/A

Storage
Store at -20℃
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

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 IL-10 Protein

Cross-Reactivity

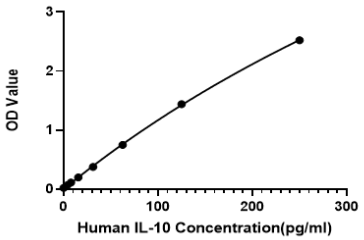
No cross-reactivity in ELISA with recombinant
Human IL-2, Human IL-4, Human IL-6, Mouse IL-10, Rat IL-10

Assay Applications

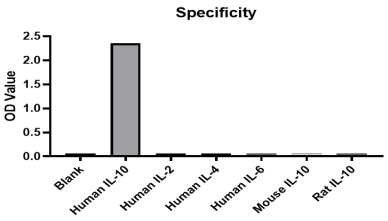
Human IL-10 Sandwich ELISA

		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Human IL-10 mAb (Cat. No. RM17644)
	Detection	0.25-1 μg/mL	Rabbit anti-Human IL-10 mAb (Cat. No. RM17638)
	Standard	3.9-250 pg/mL	Recombinant Human IL-10 Protein (Cat. No. RP00093)

Validation Data



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



No significant cross-reactivity or interference was observed.