Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse IL-10 mAb (DET)

Catalog No.: RM17936

Basic Information

Catalog No.
RM17936

Catagory
Elisa Antibody Kit

Application
ELISA

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

This gene encodes an anti-inflammatory cytokine that is a member of the class-2 cytokine family. The encoded protein is secreted by cells of both the innate and adaptive immune systems and is crucial for limiting the immune response to a broad range of pathogens. It also has been shown to suppress autoimmune responses. This protein mediates it's immunosuppressive signal through a specific interleukin 10 receptor complex. Aberrant functioning of this gene is associated with numerous immune disorders including graft-versus-host disease, and increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Immunogen Information

Immunogen
Recombinant Mouse IL-10

Cross-Reactivity

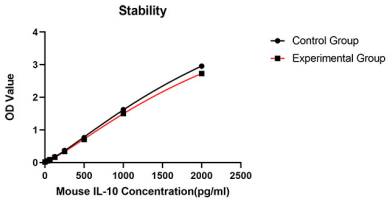
No cross-reactivity in ELISA assay withrecombinant
Mouse IFN-γ、Mouse IFN-β、Mouse IL-20、Mouse IL-22、Mouse IL-24、Human IL-10
Has cross-reactivity in ELISA with
Rat IL-10

Assay Applications

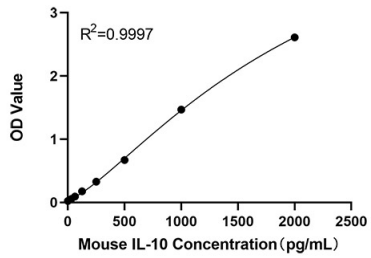
Mouse IL-10 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2ug/mL	Rabbit anti-Mouse IL-10 mAb(CAP)(Cat. No.RM17935)
ELISA Detection	0.015-0.06ug/mL	Rabbit anti-Mouse IL-10 mAb(DET)(Cat. No.RM17936)
Standard	31.25-2000pg/mL	Recombinant Mouse IL-10 Protein(Cat. No.RP01465)

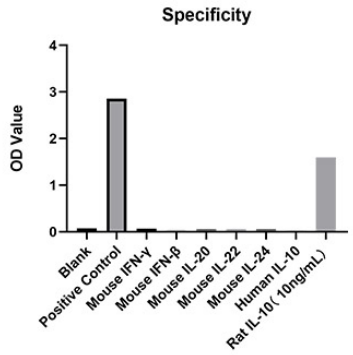
Validation Data



Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.



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



No significant cross-reactivity or interference was observed.