Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse IL-17A mAb

Catalog No.: RM17904

Basic Information

Catalog No.
RM17904

Catagory
Elisa Antibody Kit

Application
ELISA,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 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

Contact

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Background

This gene encodes a pro-inflammatory cytokine that is a member of the interleukin-17 family. The encoded protein plays a central role in host defense against diverse pathogens. The encoded protein is produced by activated T-cells and certain cell types of innate immune system. The active protein functions as either a homodimer with other interleukin-17 family members and signals through the interleukin-17 receptor to induce inflammatory cytokine production. Aberrant expression of this gene is associated with autoinflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

Immunogen Information

Immunogen
Recombinant Mouse IL-17A protein

Cross-Reactivity

No cross-reactivity in ELISA with recombinant
Mouse GM-CSF, Mouse IL-1a, Mouse IL-2, Mouse IL-4, Mouse IL-5, Mouse IL-6, Mouse IL-9, Mouse IL-10, Mouse IL-12, Mouse Leptin, Mouse TNF-α, Mouse IL-1β, Human IL-17

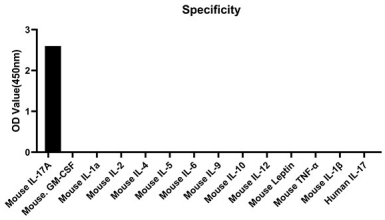
Assay Applications

Mouse IL-17A Sandwich Immunoassay

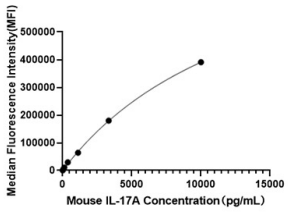
		Recommended Concentration	Sample
ELISA	Capture	0.25-1 μg/mL	Rabbit anti-Mouse IL-17A mAb (Cat. No. RM17904)
	Detection	0.0025-0.01 μg/mL	Rabbit anti-Mouse IL-17A mAb (Cat. No. RM17905)
	Standard	15.63-1000 pg/mL	Recombinant Mouse IL-17A Protein

Multiplex	Capture	3-20 μg/mL	Rabbit anti-Mouse IL-17A mAb (Cat. No. RM17904)
	Detection	0.017-2 μg/mL	Rabbit anti-Mouse IL-17A mAb (Cat. No. RM17967)
	Standard	6.86-5000 pg/mL	Recombinant Mouse IL-17A/CTLA-8 Protein (Cat. No. RP01460)

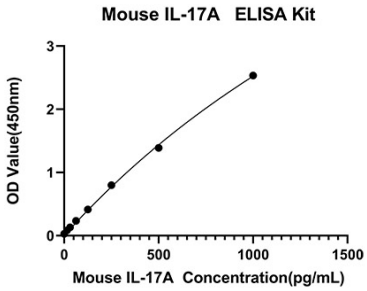
Validation Data



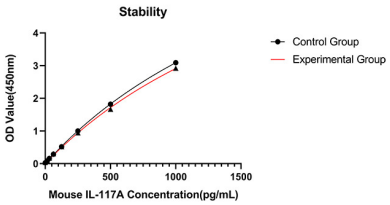
No significant cross-reactivity or interference was observed.



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



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