Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse IL-17A mAb (DET)

Catalog No.: RM17905

Basic Information

Catalog No.
RM17905

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 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

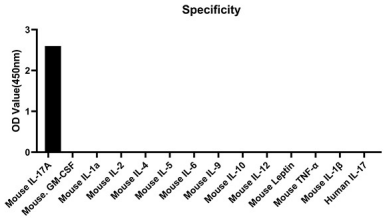
No cross-reactivity in ELISA assay withrecombinant
Mouse. GM-CSF ,Mouse IL-1a,Mouse IL-1a,Mouse IL-2,Mouse IL-4,Mouse IL-5,Mouse IL-6,Mouse IL-9□Mouse IL-10□Mouse IL-12□Mouse Leptin□Mouse TNF-α□Mouse IL-1β□Human IL-17

Assay Applications

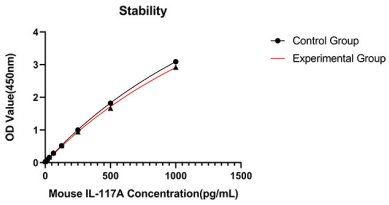
Mouse IL-17A Sandwich ELISA Immunoassay

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

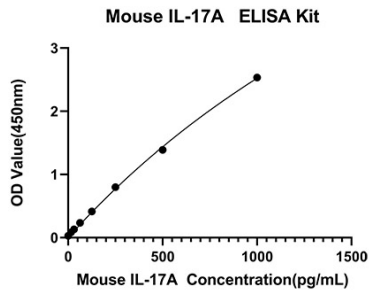
Validation Data



No significant cross-reactivity or interference was observed.



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.