

RM17904

Leader in Biomolecular Solutions for Life Science



Rabbit anti-Mouse IL-17A mAb

Catalog No.: RM17904

Basic Information

Catagory

Matched Antibody Pair

Applications

ELISA, Multiplex

Product Information

Ig Type

Rabbit IgG

Purification

Affinity purification

Endotoxin Level

Storage

Store at -20°C.

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



www.abclonal.com

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

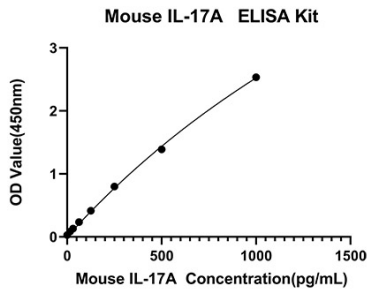
No cross-reactivity in ELISA with recombinant Mouse GM-CSF, Mouse IL-1a, Mouse IL-2, Mouse IL-4, Mouse IL-5, Mouse IL-6, Mouse IL-9, Mouse IL-10, Mouse IL-12, Mouse Leptin, Mouse TNF-α, Mouse IL-1β, Human IL-17

Assay Applications

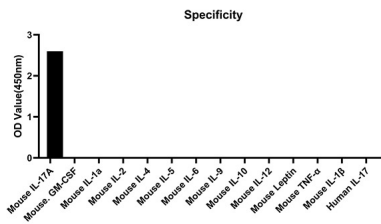
Mouse IL-17A Sandwich Immunoassay

		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)

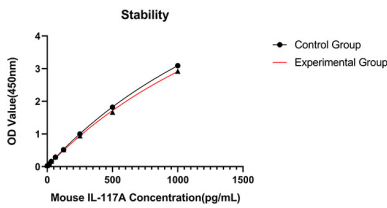
Validation Data



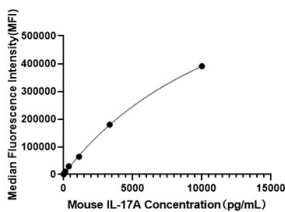
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



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



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