Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human IL-17A mAb

Catalog No.: RMK0526

Basic Information

Catalog No.
RMK0526

Catagory
Elisa Antibody Kit

Application
Multiplex,CLIA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2μm filtered solution in PBS with 0.05% Proclin 300, PH 7.4.

Contact

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Background

This gene is a member of the IL-17 receptor family which includes five members (IL-17RA-E) and the encoded protein is a proinflammatory cytokine produced by activated T cells. IL-17A-mediated downstream pathways induce the production of inflammatory molecules, chemokines, antimicrobial peptides, and remodeling proteins. The encoded protein elicits crucial impacts on host defense, cell trafficking, immune modulation, and tissue repair, with a key role in the induction of innate immune defenses. This cytokine stimulates non-hematopoietic cells and promotes chemokine production thereby attracting myeloid cells to inflammatory sites. This cytokine also regulates the activities of NF-kappaB and mitogen-activated protein kinases and can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). IL-17A plays a pivotal role in various infectious diseases, inflammatory and autoimmune disorders, and cancer. High levels of this cytokine are associated with several chronic inflammat...

Immunogen Information

Immunogen
Recombinant human IL-17A Protein

Cross-Reactivity

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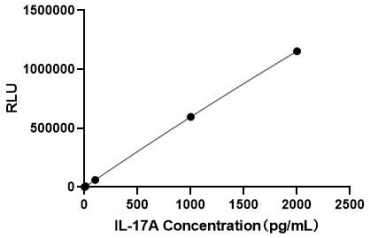
Assay Applications

Human IL-17A Sanwich Immunoassay

		Recommended Concentration	Sample
Multiplex	Capture	1.2-4.8 μg/mL	Rabbit anti-Human IL-17A mAb (Cat. No. RMK0525)
	Detection	0.125-0.5 μg/mL	Rabbit anti-Human IL-17A mAb (Cat. No. RMK0526)
	Standard	6.86-5000 pg/mL	Recombinant Human IL-17A/CTLA-8 Protein (Cat. No. RP00212)

CLIA	Capture	1-4 μg/mL	Rabbit anti-Human IL-17A mAb (Cat. No. RMK0525)
	Detection	0.5-2 μg/mL	Rabbit anti-Human IL-17A mAb (Cat. No. RMK0526)
	Standard	5-2000 pg/mL	Recombinant Human IL-17A/CTLA-8 Protein

Validation Data



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