Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human IL-1 alpha mAb

Catalog No.: RMK0149

Basic Information

Catalog No.
RMK0149

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
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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 7.4.

Contact

order@abclonal.com

support@abclonal.com

www.abclonal.com

Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is produced by monocytes and macrophages as a proprotein, which is proteolytically processed and released in response to cell injury, and thus induces apoptosis. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. It has been suggested that the polymorphism of these genes is associated with rheumatoid arthritis and Alzheimer's disease.

Immunogen Information

Immunogen
Recombinant human IL-1 alpha Protein

Cross-Reactivity

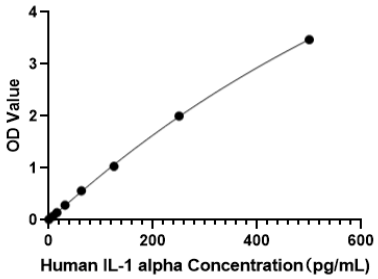
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Assay Applications

Human IL-1 alpha Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Human IL-1 alpha mAb (Cat. No. RMK0148)
	Detection	0.005-0.02 μg/mL	Rabbit anti-Human IL-1 alpha mAb (Cat. No. RMK0149)
	Standard	7.8-500 pg/mL	Recombinant Human IL-1 alpha Protein (Cat. No. RP00098)

Validation Data



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