

# Rabbit anti-Human IL-1 alpha mAb

**Catalog No.:** RMK0149

## Basic Information

**Catalog No.**

RMK0149

**Category**

Elisa Antibody Kit

**Application**

ELISA

## 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.

## Product Information

**Ig Type**

Rabbit IgG

**Purification**

Affinity purification

**Endotoxin Level**

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**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 7.4.

## Immunogen Information

**Immunogen**

Recombinant human IL-1 alpha Protein

## Cross-Reactivity

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## Contact

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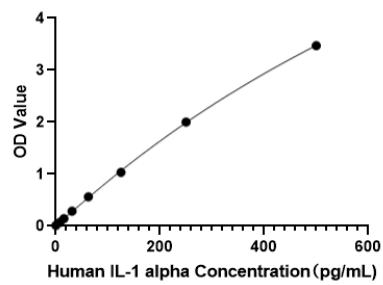
## Assay Applications

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

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