

# Rabbit anti-Human IL-1 alpha mAb

**Catalog No.:** RMK0282

## Basic Information

**Catalog No.**  
RMK0282

**Catagory**  
Elisa Antibody Kit

**Application**  
Multiplex

## 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.

## Contact

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 | [support@abclonal.com](mailto:support@abclonal.com)

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## 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

## Cross-Reactivity

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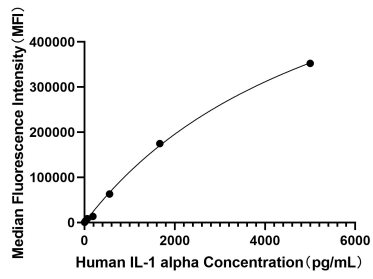
## Assay Applications

Human IL-1 alpha Sandwich Immunoassay

		Recommended Concentration	Sample
Multiplex	Capture	3-20 µg/mL	Rabbit anti-Human IL-1 alpha mAb (Cat. No. RMK0281)
	Detection	0.017-2 µg/mL	Rabbit anti-Human IL-1 alpha mAb (Cat. No. RMK0282)
	Standard	6.86-5000 pg/mL	Recombinant Human IL-1 alpha Protein

## Validation Data

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