

# Rabbit anti-Human IL-1 alpha mAb(CAP)

**Catalog No.:** RMK0148

## Basic Information

**Catalog No.**  
RMK0148

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## 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 0.2um 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 fusion protein containing a sequence corresponding to amino acids 113-271 of human IL-1 alpha (NP\_000566.3).

## Cross-Reactivity

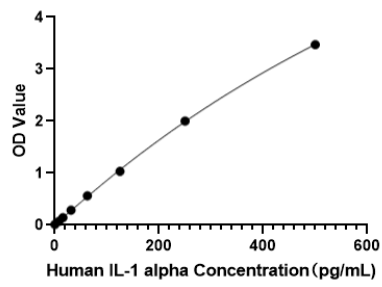
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## Assay Applications

Human IL-1 alpha Sandwich Immunoassay

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