

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

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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 fusion protein containing a sequence corresponding to amino acids 113-271 of human IL-1 alpha (NP_000566.3).

Cross-Reactivity

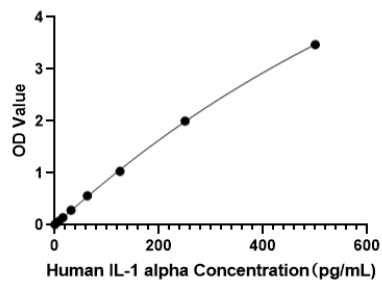
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Assay Applications

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.