

# Rabbit anti-Rat IL-1 alpha mAb

**Catalog No.:** RMK0206

## Basic Information

**Catalog No.**  
RMK0206

**Category**  
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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## Background

IL-1 alpha (Interleukin-1 alpha) is a cytokine that is induced during microbial exposure and promotes the release of multiple inflammatory mediators and acute phase proteins. It also supports hematopoietic stem cell expansion, promotes neutrophil mobilization from the bone marrow, and promotes osteoclast formation. IL-1 alpha signals through a receptor complex composed of IL-1 RI and IL-1 RAcP. It also binds the decoy receptor IL-1 RII which associates with IL-1 RAcP but does not transduce signaling

## Immunogen Information

**Immunogen**  
Recombinant Rat IL-1 alpha Protein

## Cross-Reactivity

Rat

## Assay Applications

Rat IL-1 alpha Sandwich Immunoassay

	Recommended Concentration	Sample
Multiplex Capture	3-20 µg/mL	Rabbit anti-Rat IL-1 alpha mAb (Cat. No. RMK0206)
Multiplex Detection	0.017-2 µg/mL	Rabbit anti-Rat IL-1 alpha mAb (Cat. No. RMK0207)
Standard	6.86-5000 pg/mL	Recombinant Rat IL-1 alpha Protein (Cat. No. RP01736)

## Validation Data

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

