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# Rabbit anti-Human IL-18 mAb

**Catalog No.: RMK0626**

## Basic Information

**Catalog No.**
RMK0626

**Catagory**
Elisa Antibody Kit

**Application**
Multiplex

## Product Information

**Ig Type**
Rabbit IgG

**Purification**
Affinity purification

**Endotoxin Level**
N/A

**Storage**
Store at -20℃
**Avoid repeated freeze-thaw cycles.**

**Formulation**
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

## Contact


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## Background

The protein encoded by this gene is a proinflammatory cytokine of the IL-1 family that is constitutively found as a precursor within the cytoplasm of a variety of cells including macrophages and keratinocytes. The inactive IL-18 precursor is processed to its active form by caspase-1, and is capable of stimulating interferon gamma production, and of regulating both T helper (Th) 1 and Th2 responses. This cytokine has been implicated in the injury of different organs, and in potentially fatal conditions characterized by a cytokine storm. In humans, IL-18 gene is located on chromosome 11. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Immunogen Information

**Immunogen**
Recombinant Human IL-18 protein

## Cross-Reactivity

Human

## Assay Applications

Human IL-18 Sandwich Immunoassay

| | | Recommended Concentration | Sample |
|---|---|---|---|
| Multiplex | Capture | 3-20 μg/mL | Rabbit anti-Human IL-18 mAb (Cat. No. RMK0625) |
| | Detection | 0.017-2 μg/mL | Rabbit anti-Human IL-18 mAb (Cat. No. RMK0626) |
| | Standard | 6.86-5000 pg/mL | Recombinant Human IL-18 protein (Cat. No. RP0006) |