

# Rabbit anti-Human IL-18 mAb(DET)

**Catalog No.:** RMK0032

## Basic Information

**Catalog No.**  
RMK0032

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA, Multiplex

## 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 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

## Contact

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

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

 | [www.abclonal.com](http://www.abclonal.com)

## 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

## Assay Applications

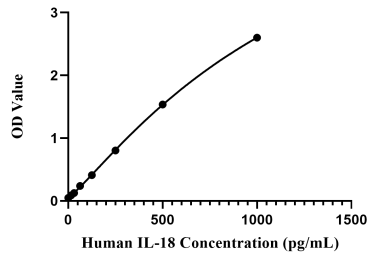
Human IL-18 Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4 µg/mL	Rabbit anti-Human IL-18 mAb (Cat. No. RMK0031)
	Detection	0.08-0.33 µg/mL	Rabbit anti-Human IL-18 mAb (Cat. No. RMK0032)
	Standard	15.6-1000 pg/mL	Recombinant Human IL-18 Protein

Multiplex	Capture	3-20 µg/ml	Rabbit anti-Human IL-18 mAb (Cat. No. RMK0031)
	Detection	0.017-2 µg/ml	Rabbit anti-Human IL-18 mAb (Cat. No. RMK0032)
	Standard	6.86-5000 pg/mL	Recombinant Human IL-18 Protein

## Validation Data

---



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