

Rabbit anti-Human IL-18 mAb

Catalog No.: RMK0031

Basic Information

Catalog No.

RMK0031

Category

Elisa Antibody Kit

Application

ELISA, Multiplex

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.

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 7.3.

Immunogen Information

Immunogen

Recombinant Human IL-18 Protein

Cross-Reactivity

Contact

	order@abclonal.com
	support@abclonal.com
	www.abclonal.com

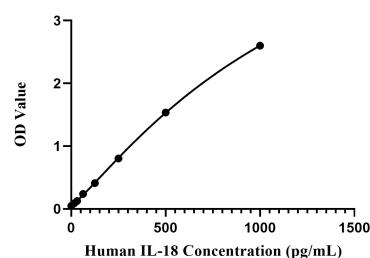
Assay Applications

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.