

Rabbit anti-Human IL-18 mAb

Catalog No.: RMK0591

Basic Information

Catalog No.

RMK0591

Category

Elisa Antibody Kit

Application

ELISA

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

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

Human

Contact

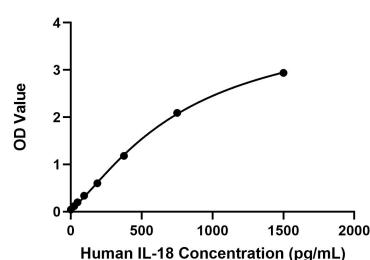
	order@abclonal.com
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	www.abclonal.com

Assay Applications

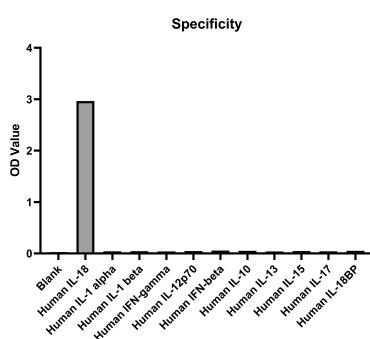
Human IL-18 Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4 µg/mL	Rabbit anti-Human IL-18 mAb (Cat. No. RMK0590)
	Detection	0.0125-0.05 µg/mL	Rabbit anti-Human IL-18 mAb (Cat. No. RMK0591)
	Standard	23.44-500 pg/mL	Recombinant Human IL-18 Protein (Cat. No. RP00006)

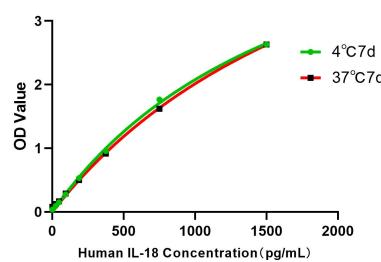
Validation Data



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



No significant cross-reactivity or interference was observed.



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.