Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse IL-1 beta mAb

Catalog No.: RMK0018

Basic Information

Catalog No.
RMK0018

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

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 7.4.

Contact

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Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is produced by activated macrophages as a proprotein, which is proteolytically processed to its active form by caspase 1. The encoded protein plays a role in thymocyte proliferation and is involved in the inflammatory response.

Immunogen Information

Immunogen
Recombinant mouse IL-1 beta Protein

Cross-Reactivity

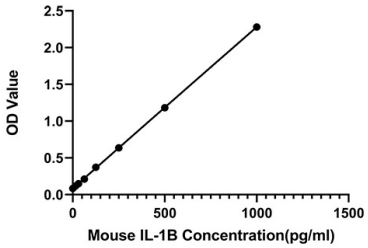
No cross-reactivity in immunoassay with recombinant
Mouse IL-1β, Mouse IL-1α, Mouse IL-2, Mouse IL-4, Mouse IL-5, Mouse IL-6, Mouse IL-9, Mouse IL-10, Mouse IL-11, Mouse IL-12/IL-23 p40, Mouse IL-13, Mouse IL-15, Mouse IL-20, Rat IL-1α, Rat IL-1β, Rat IL-1β

Assay Applications

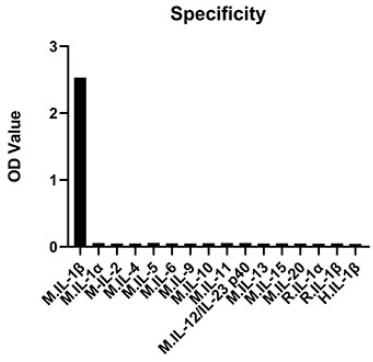
Mouse IL-1 beta Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Mouse IL-1 beta mAb (Cat. No. RMK0017)
	Detection	0.125-0.5 μg/mL	Rabbit anti-Mouse IL-1 beta mAb (Cat. No. RMK0018)
	Standard	15.63-1000 pg/mL	Recombinant Mouse IL-1 beta Protein

Validation Data



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



No significant cross-reactivity or interference was observed.