Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Rabbit anti-Mouse IL-1β mAb (CAP)

Catalog No.: RM17859

Basic Information

Catalog No.
RM17859

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 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

Contact

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www.abclonal.com

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

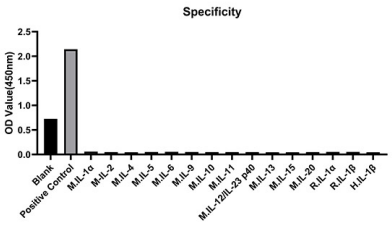
No cross-reactivity in ELISA with recombinant
M.IL-1β、M.IL-1α、M-IL-2 、M.IL-4、M.IL-5 、M.IL-6 、M.IL-9 、M.IL-10、M.IL-11、M.IL-12/IL-23 p40、M.IL-13 、M.IL-15、M.IL-20、R.IL-1α、R.IL-1β、H.IL-1β

Assay Applications

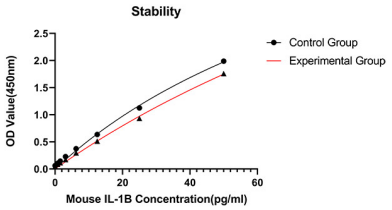
Mouse IL-1 beta Sandwich ELISA

		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Mouse IL-1 beta mAb (Cat. No. RM17859)
	Detection	0.033-0.133 μg/mL	Rabbit anti-Mouse IL-1 beta mAb (Cat. No. RM17860)
	Standard	0.78125-50 pg/mL	Recombinant Mouse IL-1 beta Protein

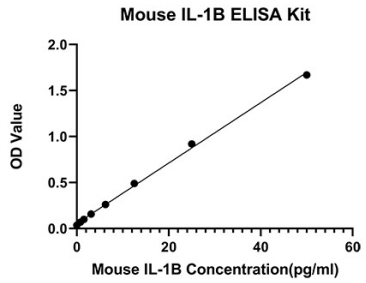
Validation Data



From the comparison of the standard curve, it is found that ABclonal has highsensitivity.



Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.



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