

Rabbit anti-Mouse IL-1 β mAb (DET)

Catalog No.: RM17860 **2 Publications**




Basic Information

Catalog No.
RM17860**Catagory**
Elisa Antibody Kit**Application**
ELISA

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 μ m 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

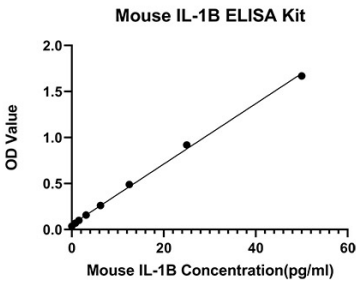
No cross-reactivity in ELISA with recombinant
M.IL-1 β □ M.IL-1 α □ M-IL-2 □ M.IL-4 □ M.IL-5 □ M.IL-6 □ M.IL-9 □ M.IL-10 □ M.IL-11 □
M.IL-12/IL-23 p40 □ M.IL-13 □ M.IL-15 □ M.IL-20 □ R.IL-1 α □ R.IL-1 β □ H.IL-1 β

Assay Applications

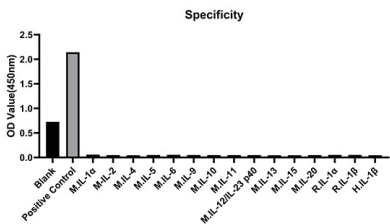
Mouse IL-1 beta Sandwich ELISA

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

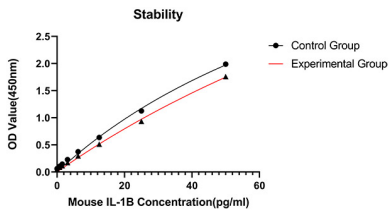
Validation Data



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



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



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