

Rabbit anti-Mouse IL-1 β mAb (CAP)

Catalog No.: RM17859

Basic Information

Catalog No.
RM17859

Category
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

 | order@abclonal.com

 | support@abclonal.com

 | 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

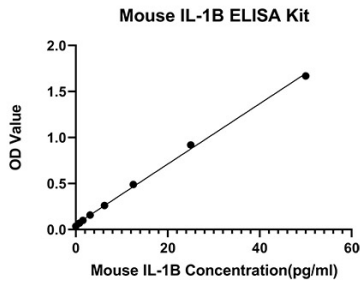
No cross-reactivity in ELISA with recombinant M.IL-1 β □ M.IL-1 α □ M-IL-2 □ M.IL-4 □ M.IL-5 □ M.IL-6 □ M.IL-9 □ M.IL-10 □ M.IL-11 □ M.IL-12/IL-23 p40 □ M.IL-13 □ M.IL-15 □ M.IL-20 □ R.IL-1 α □ R.IL-1 β □ H.IL-1 β

Assay Applications

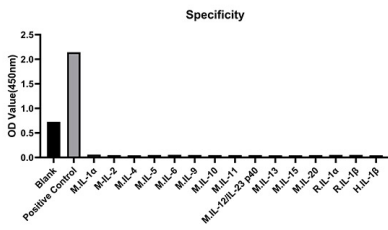
Mouse IL-1 beta Sandwich ELISA/Multiplex

| | | 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 |

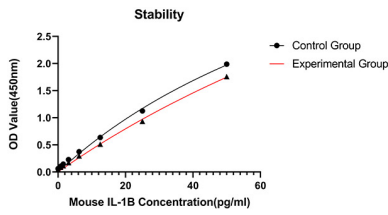
Validation Data



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%.