

# Rabbit anti-Mouse IL-1 beta mAb

**Catalog No.:** RMK0018

## Basic Information

**Catalog No.**  
RMK0018

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

## Contact

 | [order@abclonal.com](mailto:order@abclonal.com)

 | [support@abclonal.com](mailto:support@abclonal.com)

 | [www.abclonal.com](http://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/Multiplex

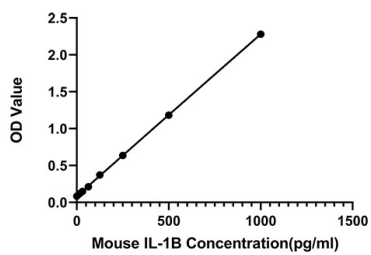
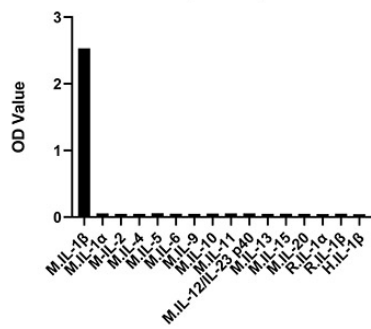
|       |           | Recommended Concentration | Sample                                           |
|-------|-----------|---------------------------|--------------------------------------------------|
| ELISA | Capture   | 1-4ug/mL                  | Rabbit anti-Mouse IL-1 beta mAb(Cat. No.RMK0017)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

## Validation Data

---

Specificity

No significant cross-reactivity or interference was observed.



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