

# Rabbit anti-Mouse IFN-beta mAb (DET)

**Catalog No.:** RMK0303

## Basic Information

**Catalog No.**  
RMK0303

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

## Contact

|                                                                                    |  |                      |
|------------------------------------------------------------------------------------|--|----------------------|
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## Background

Enables cytokine activity and type I interferon receptor binding activity. Involved in B cell proliferation; cellular response to virus; and type I interferon signaling pathway. Acts upstream of or within several processes, including cellular response to organic cyclic compound; defense response to other organism; and negative regulation of osteoclast differentiation. Located in extracellular space. Is expressed in embryo and liver. Human ortholog(s) of this gene implicated in COVID-19. Orthologous to human IFNB1 (interferon beta 1).

## Immunogen Information

**Immunogen**  
Recombinant fusion protein containing a sequence corresponding to amino acids 1-182 of mouse IFN-beta (NP\_034640.1)

## Cross-Reactivity

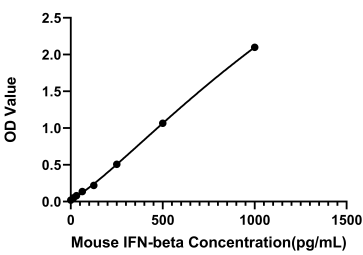
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## Assay Applications

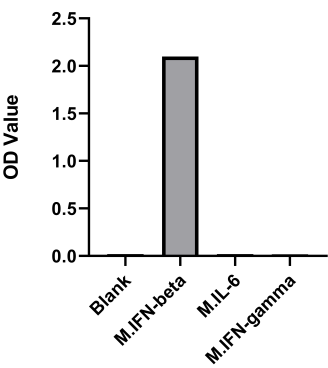
Mouse IFN-beta Sandwich ELISA Immunoassay

|                 | Recommended Concentration | Sample                                               |
|-----------------|---------------------------|------------------------------------------------------|
| ELISA Capture   | 1-4ug/mL                  | Rabbit anti-Mouse IFN-beta mAb(CAP)(Cat. No.RMK0302) |
| ELISA Detection | 0.0416-0.166ug/mL         | Rabbit anti-Mouse IFN-beta mAb(DET)(Cat. No.RMK0303) |
| Standard        | 15.63-1000pg/mL           | Recombinant Mouse IFN-beta Protein(Cat. No.RP01076)  |

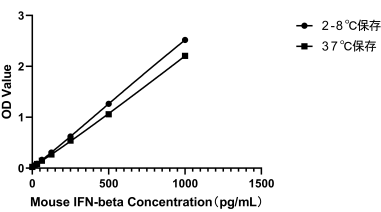
Validation Data



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



No significant cross-reactivity or interference was observed.



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