Leader in Biomolecular Solutions for Life Science

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

**Catalog No.: RMK0302**

## Basic Information

**Catalog No.**
RMK0302

**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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## 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

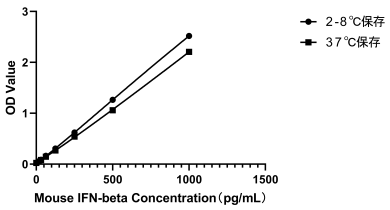
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## Assay Applications

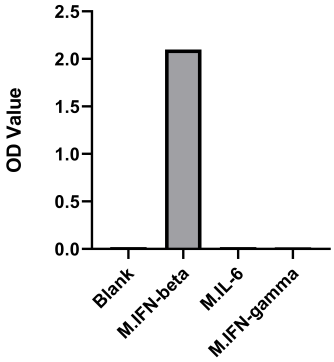
Mouse IFN-beta Sandwich ELISA Immunoassay

| | 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) |

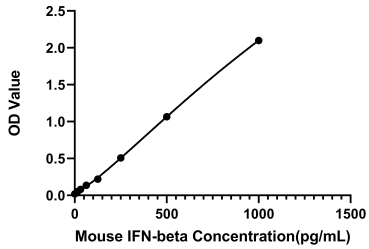
## Validation Data




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




No significant cross-reactivity or interference was observed.




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