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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www.abclonal.com

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

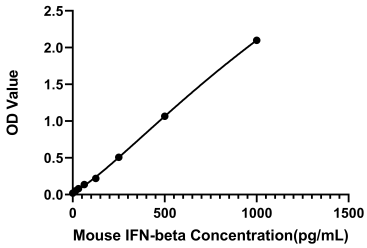
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Assay Applications

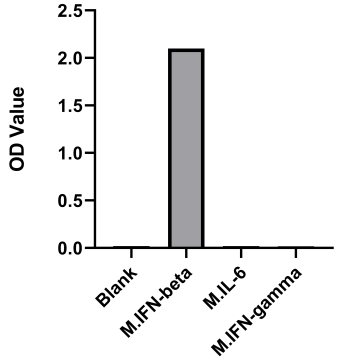
Mouse IFN-beta Sandwich ELISA Immunoassay

	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)

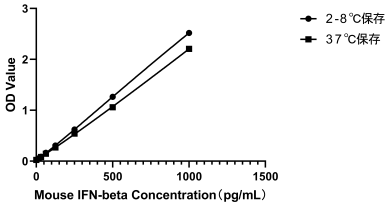
Validation Data



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



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%.