

IFN-beta Rabbit mAb

Catalog No.: A22740 **Recombinant** **3 Publications**

Basic Information

Observed MW

63kDa (C-hFc&His tagged Active Recombinant Mouse IFN-beta Protein)

Calculated MW

22kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Mouse

CloneNo number

ARC58590

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).

Recommended Dilutions

WB 1:2000 - 1:7000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

15977

Swiss Prot

P01575

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Ifb; IFNB; If1da1; IFN-beta

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

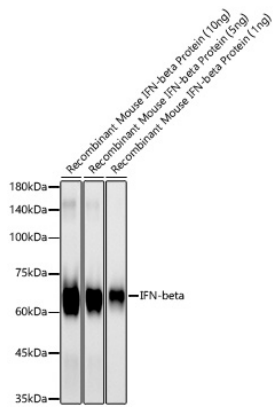
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of Recombinant Mouse IFN-beta Protein (RP01076) using IFN-beta Rabbit mAb (A22740) at 1:6000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 10ng/5ng/1ng per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.