

IFN-beta Rabbit pAb

Catalog No.: A23651SP

Basic Information

Observed MW

60 kDa(Recombinant Protein)

Calculated MW

22 kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Mouse

Background

Enables cytokine activity and type I interferon receptor binding activity. Involved in several processes, including negative regulation of Lewy body formation; response to virus; and type I interferon-mediated signaling pathway. Acts upstream of or within several processes, including cellular response to dexamethasone stimulus; defense response to bacterium; 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; cerebral infarction; multiple sclerosis; and retinoblastoma. Orthologous to human IFNB1 (interferon beta 1).

Recommended Dilutions

WB 1:5000 - 1:11000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

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

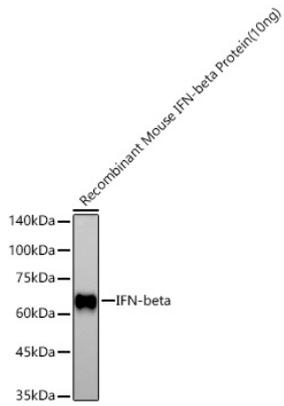
Affinity purification

Storage

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

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of Recombinant Mouse IFN-beta Protein using IFN-beta Rabbit pAb (A23651SP) at 1:11000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 10 ng per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60 s.