



IFN-beta Mouse mAb

Catalog No	YP-mAb-10694
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-182 of mouse IFN-beta (NP_034640.1)
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IFN beta;IFNB1;IFN β1;IFNB;IFN-β1;IFN-β;IFNB1 IFB IFNB;Interferon beta (IFN-beta) (Fibroblast interferon);Interferon beta (IFN-beta;Fibroblast interferon);lfb;If1da1;IFN-beta
Observed Band	22kDa
Calculated Molecular Weight	63kDa (C-hFc&His tagged Active Recombinant Mouse IFN-beta Protein),24kDa/26kDa(Endogenous)
Cell Pathway	
Tissue Specificity	
Function	
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)



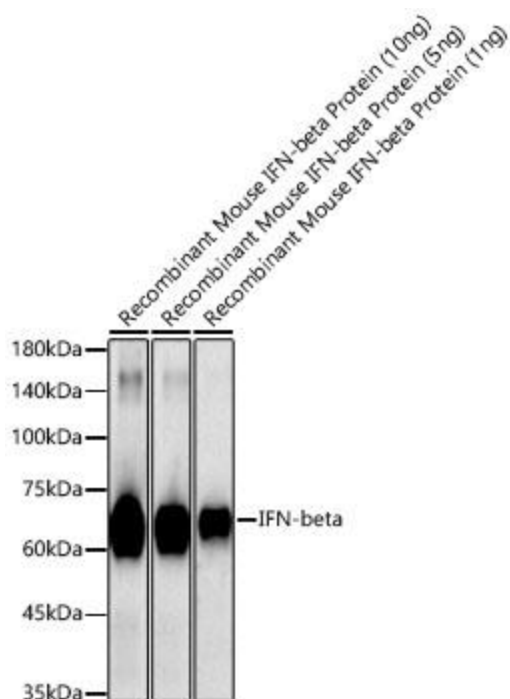
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of Recombinant Mouse IFN-beta Protein (RP01076) using IFN-beta Mouse mAb (A23651) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse 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: 20s..