

Rabbit Anti-IFNB1 antibody

SL0784R

Product Name	IFNB1
Chinese Name	Interferon β 抗体
Alias	Interferon beta; Fibroblast interferon; IFB; IFF; IFN beta; IFN-Beta; IFNB 1; IFNB; Interferon beta 1 fibroblast; Interferon beta precursor; IFNB_HUMAN. IFN- β ; IFN β ; β -IFN; IFB; β IFN; β IFN.
Research Area	Tumour immunology Bacteria and viruses Interferon
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human, Mouse, (predicted: Rat,)
Applications	WB=1:500-2000 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	20kDa
Cellular localization	Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from mouse IFNB1: 101-184/184
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	This gene encodes a cytokine that belongs to the interferon family of signaling proteins, which are released as part of the innate immune response to pathogens. The protein encoded by this gene belongs to the type I class of

interferons, which are important for defense against viral infections. In addition, type I interferons are involved in cell differentiation and anti-tumor defenses. Following secretion in response to a pathogen, type I interferons bind a homologous receptor complex and induce transcription of genes such as those encoding inflammatory cytokines and chemokines. Overactivation of type I interferon secretion is linked to autoimmune diseases. Mice deficient for this gene display several phenotypes including defects in B cell maturation and increased susceptibility to viral infection. [provided by RefSeq, Sep 2015]

Function:

Has antiviral, antibacterial and anticancer activities.

Subunit:

Monomer.

Subcellular Location:

Secreted.

Similarity:

Belongs to the alpha/beta interferon family.

SWISS:

P01575

Gene ID:

15977

Database links:

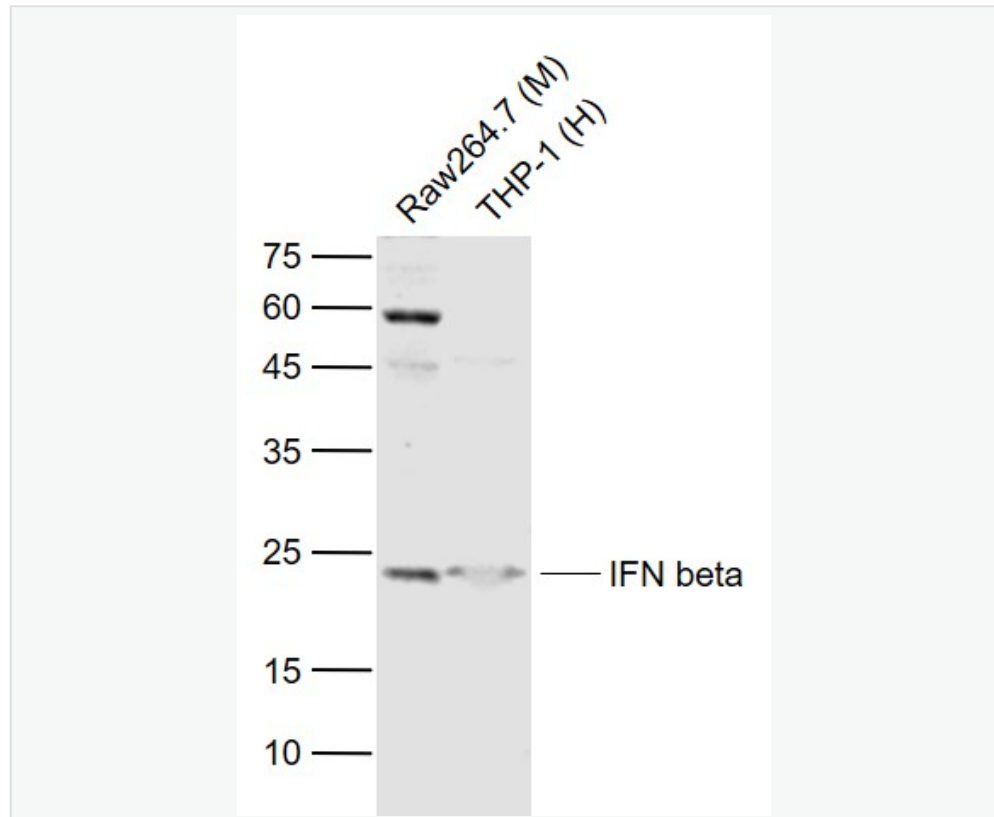
[Entrez Gene: 15977](#) Mouse

[SwissProt: P01575](#) Mouse

[Unigene: 1245](#) Mouse

β 型 Interferon(Interferon- β ,IFN- β)是主要由成纤维细胞产生的 cell factor,属于单一基因编码产生的蛋白质,可通过干扰病毒 RNA 或 DNA 复制而抑制病毒生长,并可显著增强 NK 细胞杀伤活性,通过促进 MHC I 类分子表达而增强 CTL 对病毒感染细胞的识别和杀伤作用.

Product Picture



Sample:

Lane 1: Raw264.7 (Mouse) Cell Lysate at 30 ug

Lane 2: THP-1 (Human) Cell Lysate at 30 ug

Primary: Anti-IFN beta (SL0784R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 24 kD

Observed band size: 24 kD