



## Rabbit Anti-IFN-Beta/Ifnb1 antibody

SL0787R

<b>Product Name:</b>	IFN-Beta/Ifnb1
<b>Chinese Name:</b>	Interferon $\beta$ 抗体
<b>Alias:</b>	Interferon beta; Fibroblast interferon; IFB; IFF; IFN beta; IFNB 1; IFNB; IFNB1; Interferon beta 1 fibroblast; Interferon beta precursor; MGC96956.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	20kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human IFN-Beta:101-187/187
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Interferon-Beta, IFN-Beta mainly by the fibroblast cell factor, belonging to a single gene encodes a protein that can interfere with the virus RNA or DNA replication and inhibit virus growth, and significantly enhance NK cell activity, through the promotion of MHC I molecule expression and enhance the CTL of the virus-infected cells role in the identification and destruction.

**Function:**

Has antiviral, antibacterial and anticancer activities.

**Subunit:**

Monomer.

**Subcellular Location:**

Secreted.

**Similarity:**

Belongs to the alpha/beta interferon family.

**SWISS:**

P01574

**Gene ID:**

3456

**Database links:**

[Entrez Gene: 3456](#)Human

[Omim: 147640](#)Human

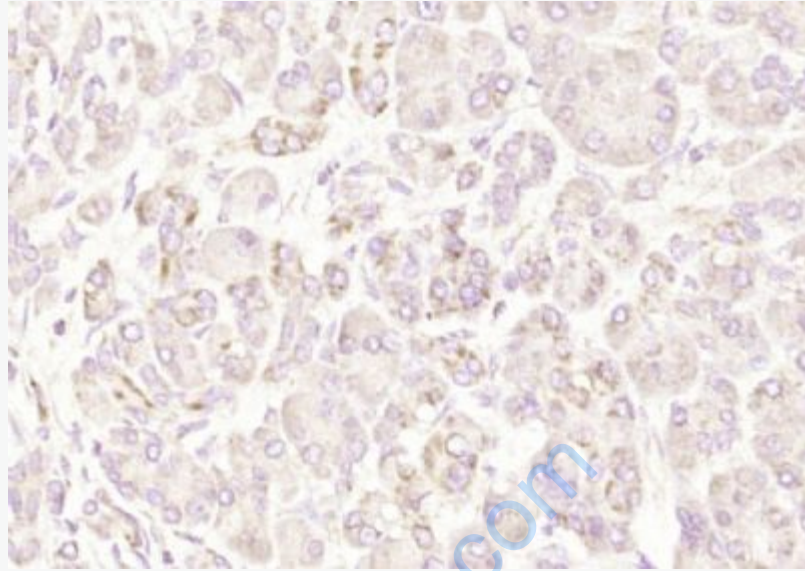
[SwissProt: P01574](#)Human

[Unigene: 93177](#)Human

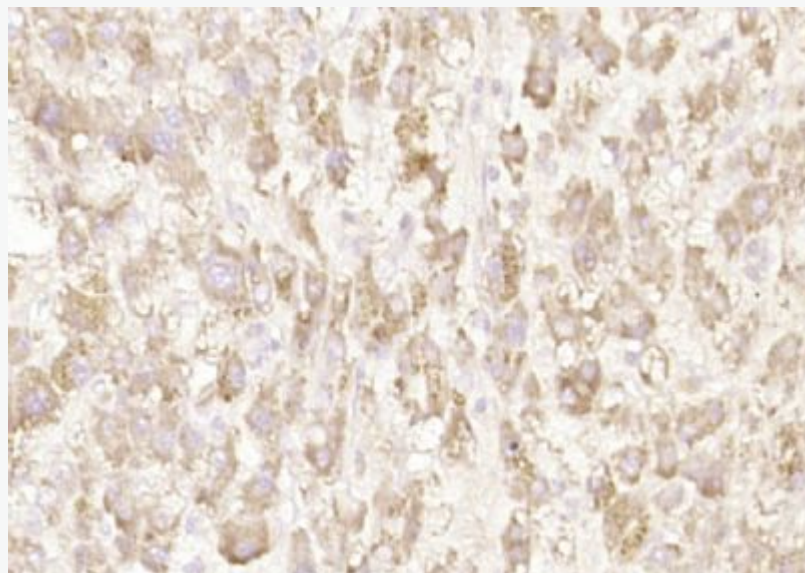
**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

$\beta$ 型Interferon(Interferon- $\beta$ ,IFN- $\beta$ )是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.

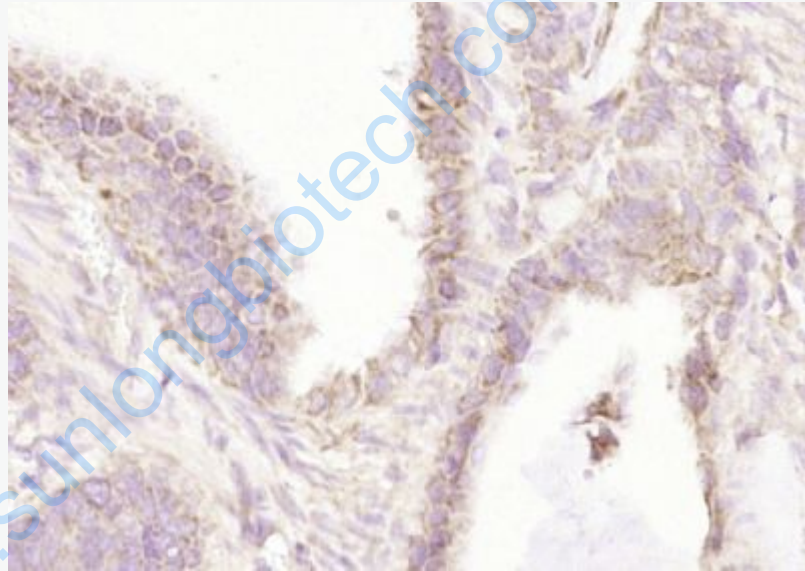


Paraformaldehyde-fixed, paraffin embedded (human pancreatic cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IFN-Beta/Ifnb1) Polyclonal Antibody, Unconjugated (SL0787R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IFN-Beta/Ifnb1) Polyclonal Antibody, Unconjugated (SL0787R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

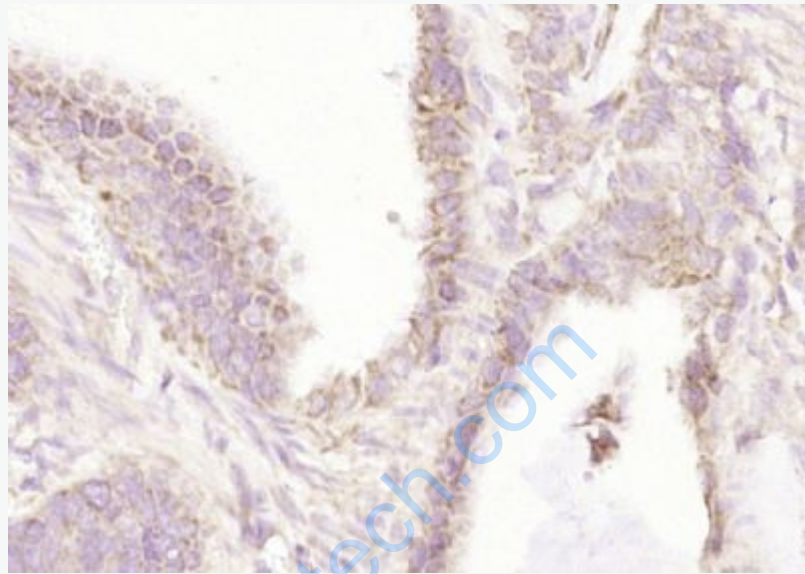


Tissue/cell: human colon cancer; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-IFN-Beta/Ifnb1 Polyclonal Antibody, Unconjugated(SL0787R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-

0023) and DAB(C-0010) staining

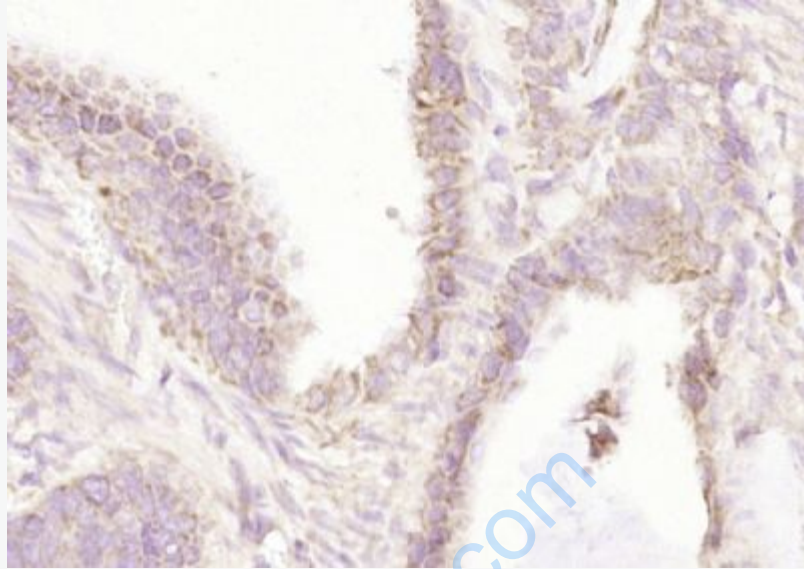


Tissue/cell: human colon cancer; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-IFN-Beta/Ifnb1 Polyclonal Antibody, Unconjugated(SL0787R)

1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (human endometrial carcinoma);  
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block  
endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer  
(normal goat serum) at 37°C for 30min; Antibody incubation with (IFN-Beta/Ifnb1)  
Polyclonal Antibody, Unconjugated (SL0787R) at 1:200 overnight at 4°C, followed  
by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.