



## Rabbit Anti-IFN a1b antibody

SL7486R

<b>Product Name:</b>	IFN a1b
<b>Chinese Name:</b>	Interferon $\alpha$ -1b/IFN a1b抗体
<b>Alias:</b>	IFN alpha 1b; Interferon alpha 1b; IFab; IFN-alpha 1b.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-F=1:400-800ICC=1:100-500IF=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>	22kDa
<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 a1b:21-100/166
<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>	The protein encoded by this gene is produced by macrophages and has antiviral activity. This gene is intronless and the encoded protein is secreted. [provided by RefSeq, Sep 2011] The type I interferons consist of 14 different alpha isoforms (subtypes with slightly different specificities), and single beta, omega, epsilon and kappa isoforms. Homologous molecules are found in many species, including rats and mice (and most mammals), and have been identified in birds, reptiles and fish species. Interferon alpha

is produced primarily by plasmacytoid dendritic cells and is a potent component of the anti viral innate immune response; it modulates adaptive immunity.

**Function:**

Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.

**Subcellular Location:**

Secreted.

**Similarity:**

Belongs to the alpha/beta interferon family.

**SWISS:**

P01562

**Gene ID:**

3439

**Database links:**

[Entrez Gene: 3439](#)Human

[Entrez Gene: 3447](#)Human

[Omim: 147660](#)Human

[SwissProt: P01562](#)Human

[Unigene: 37026](#)Human

[Unigene: 533471](#)Human

**Important Note:**

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