

## Anti-Interferon beta Rabbit Monoclonal Antibody

### Introduction

The type I interferon (IFN) family includes IFN- $\beta$ 1 and IFN- $\alpha$ 1 through IFN- $\alpha$ 13 in humans and IFN- $\alpha$ 1 through IFN- $\alpha$ 14 in mice. Type I IFN is produced following detection of pathogen-associated molecular patterns (PAMPs) and is important for induction of antiviral genes, activation of dendritic cells, and initiation of adaptive immunity. Has antiviral, antibacterial and anticancer activities.

### Product parameters

Alternative Names	Interferon beta; Interferon $\beta$ ; IFN-beta; IFN- $\beta$ ; IFN $\beta$ ; Fibroblast interferon; IFB; IFNB
Gene ID	3456
Gene Name	IFNB1
SwissProt ID	P01574
Host	Rabbit
Reactivity	Human
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 22 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-7E8A1
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human Interferon beta
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB, IP
Dilution Ratio	WB: 1/500-1/1000 IP: 1/50
Research Field	Immunology
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

## Protocol



Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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