

Rabbit anti-Mouse IFN BETA Polyclonal Antibody | anti-IFN BETA antibody

RABBIT ANTI IFN BETA

CATALOG # AAA50027	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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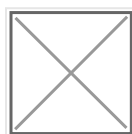
PRODUCT SYNONYMS

IFN BETA; Polyclonal Antibody; RABBIT ANTI IFN BETA; anti-IFN BETA antibody

PRODUCT SPECIFICATIONS

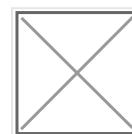
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises interferon beta (IFN-beta), a 22kD member of the type I alpha/beta interferon family. IFN beta, initially described as fibroblast interferon, is produced predominantly by fibroblasts and some epithelial cells. Type 1 interferons are produced primarily in response to viral infections as part of the host immune response and can also inhibit the development of tumours. IFN-beta is involved in the regulation of non-specific humoral immune responses and responses against viral infections.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	187
Applicable Applications for anti-IFN BETA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide
Immunogen	A 17 amino acid peptide located near the centre of human IFN Beta. Buffer Solution
Antiserum Preparation	Antisera to human IFN Beta were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Formalin fixed, paraffin embedded human liver stained with Rabbit anti Human IFN beta (AAA50027) following heat mediated antigen retrieval using sodium citrate buffer (pH6.0)



Application Data

Western blot analysis of whole cell lysate from A-20 mouse B-cell lymphoma probed with Rabbit anti Human IFN beta (AAA50027)

ADDITIONAL INFORMATION

Related Product Information for anti-IFN BETA antibody	MBS223102 recognises interferon beta (IFN-beta), a 22kD member of the type I alpha/beta interferon family. IFN beta, initially described as fibroblast interferon, is produced predominantly by fibroblasts and some epithelial cells. Type 1 interferons are produced primarily in response to viral infections as part of the host immune response and can also inhibit the development of tumours. IFN-beta is involved in the regulation of non-specific humoral immune responses and responses against viral infections.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504603
NCBI GeneID	3456
NCBI Accession #	NP_002167.1
NCBI GenBank Nucleotide #	NM_002176.2
UniProt Accession #	P01574; Q5VWC9
Molecular Weight	22,294 Da
NCBI Official Full Name	interferon beta
NCBI Official Synonym Full Names	interferon, beta 1, fibroblast
NCBI Official Symbol	IFNB1
NCBI Official Synonym Symbols	IFB; IFF; IFNB
NCBI Protein Information	interferon beta; IFN-beta; fibroblast interferon
UniProt Protein Name	Interferon beta
UniProt Gene Name	IFNB1
UniProt Synonym Gene Names	IFB; IFNB; IFN-beta
UniProt Entry Name	IFNB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.