IFNA5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IFNA5, Polyclonal Antibody
Full Product Name	IFNA5, CT (IFNA5, Interferon alpha-5, Interferon alpha-61, Interferon alpha-G) (MaxLight 550)
Product Gene Name	anti-IFNA5 antibody
Product Synonym Names	IFNA5; Interferon alpha-5; Interferon alpha-61; Interferon alpha-G
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	21,942 Da
OMIM	147565
3D Structure	ModBase 3D Structure for P01569
Immunogen	IFNA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 162-189 amino acids from the C-terminal region of human IFNA5.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-IFNA5 antibody	Antibodies; Interferon
Applications Tested/Suitable for anti-IFNA5 antibody	Western Blot (WB), FLISA
Application Notes for anti-IFNA5 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-IFNA5 antibody	MaxLight550 is a new Yellow-Green photostable dye conjugate comparable to Alexa Fluor546, 555, DyLight549, Cy3, TRITC and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (550nm); Emission (575nm); Extinction Coefficient 150,000.
Product References and Citations for anti-IFNA5 antibody	Silva, L.K., et al. Eur. J. Hum. Genet. 18(11):1221-1227(2010). Yang, X.R., et al. Fam. Cancer (2010). In press: Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010). Mosbruger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010). Davila, S., et al. Genes Immun. 11(3):232-238(2010).
Other Notes	Small volumes of anti-IFNA5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for IFNA5 purchase	MBS6309339 is an antibody targeting IFNA5. Also known as IFNA5, CT (IFNA5, Interferon alpha-5, Interferon alpha-61, Interferon alpha-G) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IFNA5. It may not necessarily be applicable to this product.

NCBI GI #	4504597
NCBI GeneID	3442
NCBI Accession #	NP_002160.1
UniProt Primary Accession #	P01569
UniProt Secondary Accession #	Q52LX3
UniProt Related Accession #	P01569
GenBank Nucleotide #	NM_002169.2
NCBI Official Full Name	interferon alpha-5
NCBI Official Synonym Full Names	interferon, alpha 5
NCBI Official Symbol	IFNA5
NCBI Official Synonym Symbols	INA5; INFA5; leIF G; IFN-alphaG; IFN-alpha-5
UniProt Protein Name	Interferon alpha-5
UniProt Synonym Protein Names	Interferon alpha-61; Interferon alpha-G
Protein Family	Interferon
UniProt Gene Name	IFNA5
UniProt Synonym Gene Names	IFN-alpha-5; LeIF G
UniProt Entry Name	IFNA5_HUMAN
NCBI Protein Information	interferon alpha-5; interferon alpha-G; interferon alpha-61
UniProt Comments for IFNA5	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. Sequence similarities: Belongs to the alpha/beta interferon family.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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