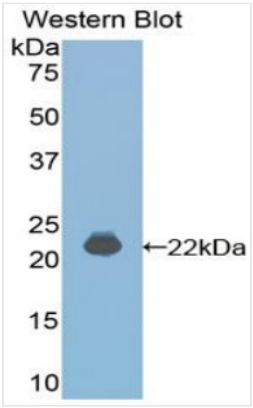
Interferon Alpha 4 (IFNa4) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interferon Alpha 4 (IFNa4), Polyclonal Antibody
Full Product Name	Polyclonal Antibody to Interferon Alpha 4 (IFNa4)
Product Gene Name	anti-IFNa4 antibody
Immunogen Sequence	Antigen: The target protein is fused with two N-terminal Tags, His-tag and its sequence is listed below. MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF-RNK RAFTL LAQMRRLSPV SCLKDRQDFG FPQEKVDAQQ IQKAQTIPVL HELSQQVLNI FTSKDSSAAW NATLLDSFCN DLHQQLSDLK VCLMQQVGMQ EPPLTQEDSL LAVREYFHRI TVYLTEKKHS PCAWEVVRAE VWRALSSSVY LLAKLSEEK
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Rat, Human, Mouse
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Purity/Purification	Affinity Chromatography
Concentration	1mg/ml (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against IFNa4. It has been selected for its ability to recognize IFNa4 in immunohistochemical staining andwestern blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Matching Pairs	Unconjugated Antibody: IFNa4 (MBS2005924) Immunogen: IFNa4 (MBS2012451)
Matching Pairs	Unconjugated Antibody: IFNa4 (MBS2005924) APC-CY7 Conjugated Antibody: IFNa4 (MBS2039151)
Matching Pairs	Unconjugated Antibody: IFNa4 (MBS2005924) PE Conjugated Antibody: IFNa4 (MBS2039152)
Matching Pairs	Unconjugated Antibody: IFNa4 (MBS2005924) APC Conjugated Antibody: IFNa4 (MBS2039153)
Matching Pairs	Unconjugated Antibody: IFNa4 (MBS2005924) Cy3 Conjugated Antibody: IFNa4 (MBS2039154)
Matching Pairs	Unconjugated Antibody: IFNa4 (MBS2005924) FITC Conjugated Antibody: IFNa4 (MBS2039155)
Matching Pairs	Unconjugated Antibody: IFNa4 (MBS2005924) HRP Conjugated Antibody: IFNa4 (MBS2039156)
Matching Pairs	Unconjugated Antibody: Interferon Alpha 4 (IFNa4) (MBS2005924) APC-CY7 Conjugated Secondary Antibody: Immunoglobulin G (MBS2090675)
Matching Pairs	Unconjugated Antibody: Interferon Alpha 4 (IFNa4) (MBS2005924) Unconjugated Secondary Antibody: Immunoglobulin G (MBS2090678)
Matching Pairs	Unconjugated Antibody: IFNa4 (MBS2005924) Biotin Conjugated Antibody: IFNa4 (MBS2091663)
Molecular Weight	21,594 Da

3D Structure	ModBase 3D Structure for D3ZFH0
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	Recombinant IFNa4 (Arg33~Lys189) expressed in E.coli.
Cross Reactivity	Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as catalog #MBS2039153
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-IFNa4 antibody	Immunocytochemistry (ICC), Immunohistochemistry (IHC) - Formalin/Paraffin, ELISA (EIA), Western Blot (WB)
Application Notes for anti-IFNa4 antibody	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Related Product Information for anti-IFNa4 antibody	MBS2005924 is an antibody targeting IFNa4. Also known as Polyclonal Antibody to Interferon Alpha 4 (IFNa4). Reactive in Rat, Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-IFNa4 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.



Western Blot (WB) of anti-IFNa4 antibody
Western Blot: Sample: Recombinant protein.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IFNa4. It may not necessarily be applicable to this product.

NCBI GI #	157820959
NCBI GeneID	298205
NCBI Accession #	NP_001100137.1
UniProt Primary Accession #	D3ZFH0
GenBank Nucleotide #	NM_001106667.1
NCBI Official Full Name	interferon, alpha 4
NCBI Official Synonym Full Names	interferon, alpha 4
NCBI Official Symbol	Ifna4
UniProt Protein Name	Interferon, alpha 4

UniProt Synonym Protein Names	Interferon, alpha 4
UniProt Gene Name	Ifna4
NCBI Protein Information	interferon, alpha 4
UniProt Comments for IFNa4	IFNA4: Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. Belongs to the alpha/beta interferon family. Protein type: Secreted, signal peptide; Secreted; Cytokine Chromosomal Location of Human Ortholog: 9p22 Cellular Component: extracellular space; extracellular region Molecular Function: interferon-alpha/beta receptor binding; cytokine activity Biological Process: B cell proliferation; adaptive immune response; response to exogenous dsRNA; B cell differentiation; response to virus; cytokine and chemokine mediated signaling pathway; natural killer cell activation during immune response; regulation of MHC class I biosynthetic process; innate immune response; blood coagulation; defense response to virus; humoral immune response; T cell activation during immune response; positive regulation of peptidyl-serine phosphorylation of STAT protein
Research Articles on IFNa4	**1.** Observational study of gene-disease association. (HuGE Navigator)
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