

Rabbit IFN GAMMA Polyclonal Antibody | anti-IFNG antibody

RABBIT ANTI CHICKEN INTERFERON GAMMA:Preservative Free

CATALOG # AAA49823	HOST Rabbit	APPLICATIONS Western Blot, Functional Assay, ELISA
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PRODUCT SYNONYMS

IFN GAMMA; Polyclonal Antibody; RABBIT ANTI CHICKEN INTERFERON GAMMA:Preservative Free; anti-IFNG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognizes chicken Interferon gamma (chIFN-gamma). Original studies investigating the properties of chicken Interferon (chIFN), revealed properties similar to mammalian IFN type I (IFNI), and it has since become apparent that there are at least three distinct chicken interferon proteins, designated as chIFN-alpha, chIFN-beta and chIFN-gamma. chIFN-gamma was first identified, when supernatant from chicken spleen cells stimulated with concanavalin A (ConA), displayed macrophage-activating factor (MAF) activity - the principle function of mammalian type II IFN-gamma. Several independent studies have since supported the existence of this chicken homolog, by the cloning of IFN-gamma cDNA from activated chicken T cells and demonstrating that recombinant chicken IFN-gamma strongly upregulates the expression of MHC class II and iNOS genes. This item, can be used to neutralize chIFN-gamma activity and to discriminate the antiviral activity of chIFN-gamma from that of chIFN-alpha and chIFN-beta, see Weining, K.C. et al. for details.
Form/Format	Preservative Free Purified IgG - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	164
Applicable Applications for anti-IFNG antibody	WB (Western Blot), FA (Functional Assay), ELISA
Immunogen	Recombinant chicken Interferon Gamma Buffer Solution
Antiserum Preparation	Antisera to chicken Interferon Gamma were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography on protein G.
Target Species	Chicken
Preparation and Storage	Store at -20 degree C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. 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.

ADDITIONAL INFORMATION

Related Product Information for anti-IFNG antibody	MBS220076 recognizes chicken Interferon gamma (chIFN-gamma). Original studies investigating the properties of chicken Interferon (chIFN), revealed properties similar to mammalian IFN type I (IFN1), and it has since become apparent that there are at least three distinct chicken interferon proteins, designated as chIFN-alpha, chIFN-beta and chIFN-gamma. chIFN-gamma was first identified, when supernatant from chicken spleen cells stimulated with concanavalin A (ConA), displayed macrophage-activating factor (MAF) activity - the principle function of mammalian type II IFN-gamma. Several independent studies have since supported the existence of this chicken homolog, by the cloning of IFN-gamma cDNA from activated chicken T cells and demonstrating that recombinant chicken IFN-gamma strongly upregulates the expression of MHC class II and iNOS genes. MBS220076, can be used to neutralize chIFN-gamma activity and to discriminate the antiviral activity of chIFN-gamma from that of chIFN-alpha and chIFN-beta, see Weining, K.C. et al. for details.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45433518
NCBI GeneID	396054
NCBI Accession #	NP_990480.1
NCBI GenBank Nucleotide #	NM_205149.1
UniProt Accession #	P49708; Q53YS2; D3GGX1
Molecular Weight	18,953 Da
NCBI Official Full Name	interferon gamma
NCBI Official Synonym Full Names	interferon, gamma
NCBI Official Symbol	IFNG
NCBI Protein Information	interferon gamma; IFN-gamma; Interferon-gamma level; interferon-gama
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma
UniProt Entry Name	IFNG_CHICK

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ifn-gamma-antibody-western-blot-functional-assay-elisa/49823>