

Rabbit IFN GAMMA Polyclonal Antibody | anti-IFNG antibody

RABBIT ANTI HUMAN INTERFERON GAMMA:Biotin

CATALOG # AAA49831	HOST Rabbit	APPLICATIONS Western Blot, ELISA
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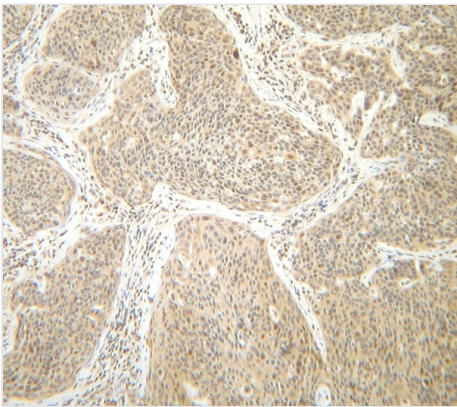
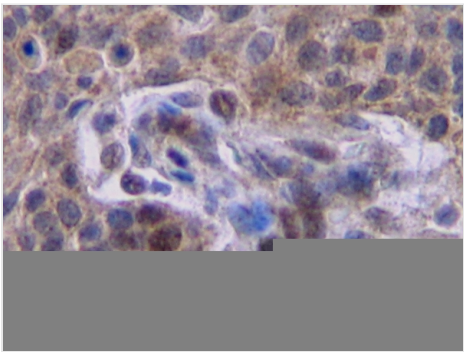
PRODUCT SYNONYMS

IFN GAMMA; Polyclonal Antibody; RABBIT ANTI HUMAN INTERFERON GAMMA:Biotin; anti-IFNG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Biotin Purified IgG conjugated to Biotin - lyophilised
Concentration	IgG concentration 0.1 mg/ml after reconstitution. (varies by lot)
Sequence Length	166
Applicable Applications for anti-IFNG antibody	WB (Western Blot), ELISA
Reconstitution	Reconstitute with 0.5ml sterile PBS containing 0.1% Bovine Serum Albumin. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to human IFN gamma were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. 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: 12 months from date of reconstitution.

IMAGES



Application Data
Staining of formalin fixed, paraffin embedded human cervical squamous cell carcinoma with Rabbit anti Human interferon-gamma following heat mediated antigen retrieval using sodium citrate buffer (pH6.0)

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ADDITIONAL INFORMATION

Related Product Information for anti-IFNG antibody	Rabbit anti Human Interferon gamma antibody recognizes human IFN-gamma (Interferon-gamma), a 143 amino acid regulatory cytokine and member of the Type II interferon family. IFN-gamma is involved in the regulation of the immune and inflammatory responses and is secreted primarily by mitogen and antigen activated T lymphocytes and natural killer cells (NK). IFN-gamma is a multifunctional cytokine which signals through the IFN-gamma receptor (IFNGR), found on most immune cells. Properties of IFN-gamma include recruitment of leucocytes to sites of infection, inducement of MHC class I and II antigens, stimulation of anti-microbial and anti-tumour responses of macrophages, Nk cells and neutrophils, and has also been shown to potentiate the antiproliferative effects of IFN-alpha and IFN-beta.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56786138
NCBI GeneID	3458
NCBI Accession #	NP_000610.2
NCBI GenBank Nucleotide #	NM_000619.2
UniProt Accession #	P01579; Q53ZV4; B5BU88
Molecular Weight	19,348 Da
NCBI Official Full Name	interferon gamma
NCBI Official Synonym Full Names	interferon, gamma
NCBI Official Symbol	IFNG
NCBI Official Synonym Symbols	IFG; IFI
NCBI Protein Information	interferon gamma; IFN-gamma; immune interferon
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma
UniProt Entry Name	IFNG_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ifn-gamma-antibody-western-blot-elisa/49831>