

Interferon Gamma (IFNG) Antibody

Catalogue No.: abx016066



Western blot analysis using IFN-gamma antibody against IFN-gamma recombinant protein.

IFN-gamma (interferon, gamma) is an antiviral and antiparasitic agent produced by CD4+/CD8+ lymphocytes and natural killer cells that undergo activation by antigens, mitogens or alloantigens. It is a pleiotropic cytokine involved in the regulation of nearly all phases of immune and inflammatory responses, including the activation, growth and differentiation of T cell, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. The active form of IFN-G is a homodimer with each subunit containing six helices. The dimeric structure of human IFN-G is stabilized by non-covalent interactions through the interface of the helices. IFN-G translated precursor is 166 amino acids, including the 23 amino acid secretory sequence. It is upregulated by IL2, FGF basic, EGF and downregulated by vitamin D3 or DMN. Multiple forms exist due to variable glycosylation and under non-denaturing conditions due to dimers and tetramers.

Target:	Interferon Gamma (IFNG)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant human IFN-gamma (BioSource company, Cat.No.PHC4033).
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0
Revision date: 20 Jan 2025



UniProt Primary AC: P01579 ([UniProt](#), [ExPASy](#))

Gene Symbol: IFNG

GeneID: [3458](#)

OMIM: [147570](#)

HGNC: 5438

KEGG: hsa:3458

Ensembl: ENSG00000111537

String: [9606.ENSP00000229135](#)

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: This product is for research use only.

For Reference Only