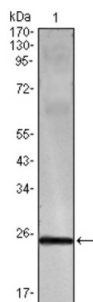


## Interferon Gamma (IFNG) Antibody

Catalogue No.: abx011002



Western blot analysis using IFN gamma antibody against truncated Interferon Gamma recombined protein.

Interferon gamma (IFN gamma) is a pro-inflammatory cytokine that is central in host resistance to infection. It is mainly produced by natural killer cells and CD4+ and CD8+ T cells, its receptors are found on nearly all cells, where it activates diverse responses that enable potential host cells to prevent invasive infection by bacteria, parasites and viruses. Takayanagi et al. (2000) demonstrated that IFN gamma strongly suppresses osteoclastogenesis by interfering with the RANKL (602642)-RANK (603499) signaling pathway. Tsubota et al. (1999) reported that this upregulation in Sjogren syndrome patients may be controlled by interferon gamma through the activation of transcription factor NFkB.

**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:** Purified recombinant fragment of human IFN-gamma expressed in E. coli.

**Isotype:** IgG<sub>1</sub>

**Form:** Liquid

**Purification:** Purified from ascites by Protein G chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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

# Datasheet

Version: 2.0.0

Revision date: 06 Sep 2025



|                   |                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Symbol:      | IFNG                                                                                                                                       |
| GeneID:           | <a href="#">3458</a>                                                                                                                       |
| OMIM:             | <a href="#">147570</a>                                                                                                                     |
| HGNC:             | 5438                                                                                                                                       |
| KEGG:             | hsa:3458                                                                                                                                   |
| Ensembl:          | ENSG00000111537                                                                                                                            |
| String:           | <a href="#">9606.ENSP00000229135</a>                                                                                                       |
| Molecular Weight: | 19 kDa                                                                                                                                     |
| Buffer:           | PBS, containing 0.03% sodium azide.                                                                                                        |
| Concentration:    | 1 mg/ml                                                                                                                                    |
| Note:             | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |

For Reference Only