

Datasheet for ABIN7608269

anti-Interferon gamma antibody (Biotin)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	Interferon gamma (IFNG)
Reactivity:	Human
Host:	Human, Rabbit
Clonality:	Chimeric
Conjugate:	This Interferon gamma antibody is conjugated to Biotin
Application:	ELISA

Product Details

Purpose:	Biotinylated Anti-IFNG antibody(1A2), IgG1 Chimeric mAb
Clone:	1A2
Isotype:	IgG1
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFNG (IFNG Products)
Background:	IFN γ is the major interferon produced by mitogenically or antigenically stimulated lymphocytes. It is structurally different from type I interferon and its major activity is immunoregulation. It has been implicated in the expression of class II histocompatibility antigens in cells that do not normally produce them, leading to autoimmune disease. Interferon gamma is produced mainly

Target Details

by T-cells and natural killer cells activated by antigens, mitogens, or alloantigens. It is produced by lymphocytes expressing the surface antigens CD4 and CD8. IFN γ synthesis is induced by IL-2, FGF-basic, and EGF.

UniProt: [P01579](#)

Pathways: [Interferon-gamma Pathway](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [ER-Nucleus Signaling](#), [Regulation of Carbohydrate Metabolic Process](#), [Protein targeting to Nucleus](#), [Autophagy](#)

Application Details

Application Notes: ELISA 1/5000-10000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 9 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -81°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months