

Datasheet for ABIN6964014

anti-Interferon gamma antibody**4** Publications[Go to Product page](#)

Overview

Quantity:	500 µg
Target:	Interferon gamma (IFNG)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Interferon gamma antibody is un-conjugated
Application:	Neutralization (Neut)

Product Details

Immunogen:	Partially purified mouse IFN-gamma
Clone:	R4-6A2
Isotype:	IgG1
Specificity:	Native and recombinant mouse IFN-γ.
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFNG (IFNG Products)
Gene ID:	15978
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of

Target Details

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: Neutralization of mouse IFN- γ bioactivity. It is recommended to establish the optimal antibody concentration for the assay system used. The antibody is also suitable for immunoassays.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: supplied at 1 mg/mL in PBS free of preservatives

Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing.

Expiry Date: 18 months

Publications

Product cited in: Pettini, Fiorino, Cuppone, Iannelli, Medaglini, Pozzi: "Interferon- γ from Brain Leukocytes Enhances Meningitis by Type 4 Streptococcus pneumoniae." in: **Frontiers in microbiology**, Vol. 6, pp. 1340, (2015) ([PubMed](#)).

Chen, Yan, Kozoriz, Weiner: "Novel CD8+ Treg suppress EAE by TGF-beta- and IFN-gamma-dependent mechanisms." in: **European journal of immunology**, Vol. 39, Issue 12, pp. 3423-35, (2010) ([PubMed](#)).

Sarkar, Cooney, White, Dunlop, Endres, Jorns, Wasco, Fox: "Regulation of pathogenic IL-17 responses in collagen-induced arthritis: roles of endogenous interferon-gamma and IL-4." in: **Arthritis research & therapy**, Vol. 11, Issue 5, pp. R158, (2010) ([PubMed](#)).

Coley, Ford, Hanna, Wagener, Kirk, Larsen: "IFN-gamma dictates allograft fate via opposing effects on the graft and on recipient CD8 T cell responses." in: **Journal of immunology**

(Baltimore, Md. : 1950), Vol. 182, Issue 1, pp. 225-33, (2009) ([PubMed](#)).