

Resource Summary Report

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Rat Anti-IFN-gamma Monoclonal Antibody, Phycoerythrin Conjugated, Clone XMG1.2

RRID:AB_395376

Type: Antibody

Proper Citation

BD Biosciences Cat# 554412, RRID:AB_395376

Antibody Information

URL: http://antibodyregistry.org/AB_395376

Proper Citation: BD Biosciences Cat# 554412, RRID:AB_395376

Target Antigen: IFN-?

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Intracellular staining (flow cytometry)

Antibody Name: Rat Anti-IFN-gamma Monoclonal Antibody, Phycoerythrin Conjugated, Clone XMG1.2

Description: This monoclonal targets IFN-?

Target Organism: mouse

Clone ID: XMG1.2

Antibody ID: AB_395376

Vendor: BD Biosciences

Catalog Number: 554412

Record Creation Time: 20250820T011610+0000

Record Last Update: 20250820T102912+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community. Contact(s): [Sarah Tersey](#), [Raghu Mirmira](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Rat Anti-IFN-gamma Monoclonal Antibody, Phycoerythrin Conjugated, Clone XMG1.2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Chen C, et al. (2026) B cells disrupt tertiary lymphoid structure formation and suppress anti-tumor immunity. Cancer cell.

Feng J, et al. (2025) A pan-KRAS inhibitor and its derived degrader elicit multifaceted anti-tumor efficacy in KRAS-driven cancers. Cancer cell.

Xiong L, et al. (2025) Acute exposure to high-fat diet impairs ILC3 functions and gut homeostasis. Immunity, 58(5), 1185.

Zhang YP, et al. (2025) PAI-1-driven SFRP2^{high} cancer-associated fibroblasts hijack the abscopal effect of radioimmunotherapy. Cancer cell, 43(5), 856.

Prevel R, et al. (2025) β -Glucan reprograms alveolar macrophages via neutrophil/IFN γ axis in a murine model of lung injury. eLife, 13.

Nikolic I, et al. (2025) Enhancing anti-tumor immunity of natural killer cells through targeting IL-15R signaling. Cancer cell.

Cai S, et al. (2025) Methionine regulates maternal-fetal immune tolerance and endometrial receptivity by enhancing embryonic IL-5 secretion. Cell reports, 44(2), 115291.

Rao Y, et al. (2025) Pyrimidine synthesis enzyme CTP synthetase 1 suppresses antiviral interferon induction by deamidating IRF3. Immunity, 58(1), 74.

Oh JH, et al. (2025) Naturalized immune responses are stable over years in a colony of laboratory mice with wild-derived microbiota. Immunity, 58(9), 2305.

Mauvais FX, et al. (2025) Metallophilic marginal zone macrophages cross-prime CD8⁺ T cell-mediated protective immunity against blood-borne tumors. Immunity, 58(4), 843.

Gao X, et al. (2025) The transcription factor IRF4 regulates the homeostasis and function of intestinal ILC3s. iScience, 28(7), 112800.

Okoye GD, et al. (2025) Single-cell map of innate-like lymphocyte response to *Francisella tularensis* infection reveals interleukin-17-dependent protection by MAIT cells. *iScience*, 28(3), 111810.

Choi S, et al. (2024) Protein-energy restriction-induced lipid metabolism disruption causes stable-to-progressive disease shift in *Mycobacterium avium*-infected female mice. *EBioMedicine*, 105, 105198.

Ding W, et al. (2024) AMG487 alleviates influenza A (H1N1) virus-induced pulmonary inflammation through decreasing IFN- γ -producing lymphocytes and IFN- γ concentrations. *British journal of pharmacology*, 181(13), 2053.

Wenzek C, et al. (2024) Lack of canonical thyroid hormone receptor α signaling changes regulatory T cell phenotype in female mice. *iScience*, 27(8), 110547.

Englebert K, et al. (2024) The CD27/CD70 pathway negatively regulates visceral adipose tissue-resident Th2 cells and controls metabolic homeostasis. *Cell reports*, 43(3), 113824.

Sun X, et al. (2024) Deletion of the mRNA endonuclease Regnase-1 promotes NK cell anti-tumor activity via OCT2-dependent transcription of *Ifng*. *Immunity*, 57(6), 1360.

Liu J, et al. (2023) Glycosyltransferase *Extl1* promotes CCR7-mediated dendritic cell migration to restrain infection and autoimmunity. *Cell reports*, 42(1), 111991.

Amodio V, et al. (2023) Genetic and pharmacological modulation of DNA mismatch repair heterogeneous tumors promotes immune surveillance. *Cancer cell*, 41(1), 196.

Virassamy B, et al. (2023) Intratumoral CD8⁺ T cells with a tissue-resident memory phenotype mediate local immunity and immune checkpoint responses in breast cancer. *Cancer cell*, 41(3), 585.