

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.

Zhang YP, et al. (2025) PAI-1-driven SFRP2high cancer-associated fibroblasts hijack the abscopal effect of radioimmunotherapy. Cancer cell, 43(5), 856.

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.

Prevel R, et al. (2025) ?-Glucan reprograms alveolar macrophages via neutrophil/IFN? 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.

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.

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

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.

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.

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.

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

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.