

Resource Summary Report

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Mouse Anti-IFN-gamma Monoclonal Antibody, Allophycocyanin Conjugated, Clone B27

RRID:AB_398580

Type: Antibody

Proper Citation

BD Biosciences Cat# 554702, RRID:AB_398580

Antibody Information

URL: http://antibodyregistry.org/AB_398580

Proper Citation: BD Biosciences Cat# 554702, RRID:AB_398580

Target Antigen: IFN-?

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Intracellular staining (flow cytometry)

Antibody Name: Mouse Anti-IFN-gamma Monoclonal Antibody, Allophycocyanin Conjugated, Clone B27

Description: This monoclonal targets IFN-?

Target Organism: baboon, cynomolgus, rhesus, human

Clone ID: B27

Antibody ID: AB_398580

Vendor: BD Biosciences

Catalog Number: 554702

Record Creation Time: 20250819T224441+0000

Record Last Update: 20250820T031001+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-IFN-gamma Monoclonal Antibody, Allophycocyanin Conjugated, Clone B27.

No alerts have been found for Mouse Anti-IFN-gamma Monoclonal Antibody, Allophycocyanin Conjugated, Clone B27.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Roy V, et al. (2026) Epstein-Barr-virus-specific functional antibody signatures in the context of nasopharyngeal carcinoma development. Med (New York, N.Y.), 7(1), 100925.

Akhtar A, et al. (2025) Bioengineering the metabolic network of CAR T cells with GLP-1 and Urolithin A increases persistence and long-term anti-tumor activity. Cell reports. Medicine, 6(3), 102021.

Kirkpatrick C, et al. (2025) Isolation of mitochondrial mutation-specific T cell receptors. Journal of immunology (Baltimore, Md. : 1950).

Moore AE, et al. (2025) DAP12-associated synthetic antigen receptors enable multi-targeting of T cells with independent chimeric receptors in a small genetic payload. iScience, 28(4), 112142.

Conn BP, et al. (2025) Generation of T cell responses against broad KRAS hotspot neoantigens for cell therapy or TCR discovery. Cell reports methods, 5(5), 101049.

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

Venetz-Arenas N, et al. (2025) Development of DARPIn T cell engagers for specific targeting of tumor-associated HLA/peptide complexes. iScience, 28(12), 113926.

Mattingly CLR, et al. (2025) Human lung CD8+ tissue-resident memory T cell-derived interferon- γ orchestrates subset-specific antiviral programming in airway epithelial cells. Immunity, 58(12), 3006.

Dong B, et al. (2024) NK Receptor Signaling Lowers TCR Activation Threshold, Enhancing Selective Recognition of Cancer Cells by TAA-Specific CTLs. Cancer immunology research, 12(10), 1421.

Cui T, et al. (2024) Dynamic immune landscape in vaccinated-BA.5-XBB.1.9.1 reinfections revealed a 5-month protection-duration against XBB infection and a shift in immune imprinting. EBioMedicine, 99, 104903.

Ibáñez-Molero S, et al. (2024) Phosphoprotein dynamics of interacting T cells and tumor cells by HySic. *Cell reports*, 43(1), 113598.

Montalban-Bravo G, et al. (2024) Targeting MCL1-driven anti-apoptotic pathways overcomes blast progression after hypomethylating agent failure in chronic myelomonocytic leukemia. *Cell reports. Medicine*, 5(6), 101585.

Zhou S, et al. (2024) CD97 maintains tumorigenicity of glioblastoma stem cells via mTORC2 signaling and is targeted by CAR Th9 cells. *Cell reports. Medicine*, 5(12), 101844.

Hopkins G, et al. (2024) Lower Humoral and Cellular Immunity Following Asymptomatic SARS-CoV-2 Infection Compared to Symptomatic Infection in Education (The ACE Cohort). *Journal of clinical immunology*, 44(6), 147.

Racle J, et al. (2023) Machine learning predictions of MHC-II specificities reveal alternative binding mode of class II epitopes. *Immunity*, 56(6), 1359.

Darrah PA, et al. (2023) Airway T cells are a correlate of i.v. Bacille Calmette-Guerin-mediated protection against tuberculosis in rhesus macaques. *Cell host & microbe*, 31(6), 962.

Deng Y, et al. (2023) Beta-spike-containing boosters induce robust and functional antibody responses to SARS-CoV-2 in macaques primed with distinct vaccines. *Cell reports*, 42(11), 113292.

Erra Diaz F, et al. (2023) Concomitant inhibition of PPAR γ and mTORC1 induces the differentiation of human monocytes into highly immunogenic dendritic cells. *Cell reports*, 42(3), 112156.

Capone S, et al. (2023) GRAd-COV2 vaccine provides potent and durable humoral and cellular immunity to SARS-CoV-2 in randomized placebo-controlled phase 2 trial. *Cell reports. Medicine*, 4(6), 101084.

Gunn BM, et al. (2023) Antibodies against the Ebola virus soluble glycoprotein are associated with long-term vaccine-mediated protection of non-human primates. *Cell reports*, 42(4), 112402.