

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

Rat Anti-GM-CSF Monoclonal Antibody, Phycoerythrin Conjugated, Clone MP1-22E9

RRID:AB_395371

Type: Antibody

Proper Citation

BD Biosciences Cat# 554406, RRID:AB_395371

Antibody Information

URL: http://antibodyregistry.org/AB_395371

Proper Citation: BD Biosciences Cat# 554406, RRID:AB_395371

Target Antigen: GM-CSF

Host Organism: rat

Clonality: monoclonal

Comments: Intracellular staining (flow Cytotoxicityometry)

Antibody Name: Rat Anti-GM-CSF Monoclonal Antibody, Phycoerythrin Conjugated, Clone MP1-22E9

Description: This monoclonal targets GM-CSF

Target Organism: mouse

Clone ID: MP1-22E9

Antibody ID: AB_395371

Vendor: BD Biosciences

Catalog Number: 554406

Record Creation Time: 20250819T232936+0000

Record Last Update: 20250820T053014+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-GM-CSF Monoclonal Antibody, Phycoerythrin Conjugated, Clone MP1-22E9.

No alerts have been found for Rat Anti-GM-CSF Monoclonal Antibody, Phycoerythrin Conjugated, Clone MP1-22E9.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Antonini Cencicchio M, et al. (2025) Microbiota-produced immune regulatory bile acid metabolites control central nervous system autoimmunity. *Cell reports. Medicine*, 6(4), 102028.

Tsai CY, et al. (2024) Splenic marginal zone B cells restrict *Mycobacterium tuberculosis* infection by shaping the cytokine pattern and cell-mediated immunity. *Cell reports*, 43(7), 114426.

Mudalagiriappa S, et al. (2022) GM-CSF+ Tc17 cells are required to bolster vaccine immunity against lethal fungal pneumonia without causing overt pathology. *Cell reports*, 41(4), 111543.

Huang J, et al. (2021) Interleukin-17D regulates group 3 innate lymphoid cell function through its receptor CD93. *Immunity*, 54(4), 673.

Castro-Dopico T, et al. (2020) GM-CSF Calibrates Macrophage Defense and Wound Healing Programs during Intestinal Infection and Inflammation. *Cell reports*, 32(1), 107857.

Adoue V, et al. (2019) The Histone Methyltransferase SETDB1 Controls T_H2 Helper Cell Lineage Integrity by Repressing Endogenous Retroviruses. *Immunity*, 50(3), 629.

Hirota K, et al. (2018) Autoimmune Th17 Cells Induced Synovial Stromal and Innate Lymphoid Cell Secretion of the Cytokine GM-CSF to Initiate and Augment Autoimmune Arthritis. *Immunity*, 48(6), 1220.