

Resource Summary Report

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

Rat Anti-IgG1 Monoclonal Antibody, FITC Conjugated, Clone A85-1

RRID:AB_394862

Type: Antibody

Proper Citation

BD Biosciences Cat# 553443, RRID:AB_394862

Antibody Information

URL: http://antibodyregistry.org/AB_394862

Proper Citation: BD Biosciences Cat# 553443, RRID:AB_394862

Target Antigen: IgG1

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry, Intracellular staining (flow Cytotoxicityometry)

Antibody Name: Rat Anti-IgG1 Monoclonal Antibody, FITC Conjugated, Clone A85-1

Description: This monoclonal targets IgG1

Target Organism: mouse

Clone ID: A85-1

Antibody ID: AB_394862

Vendor: BD Biosciences

Catalog Number: 553443

Record Creation Time: 20250820T064016+0000

Record Last Update: 20250821T004008+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-IgG1 Monoclonal Antibody, FITC Conjugated, Clone A85-1.

No alerts have been found for Rat Anti-IgG1 Monoclonal Antibody, FITC Conjugated, Clone A85-1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Laulhé X, et al. (2026) B cell-intrinsic type I interferon signaling contributes to defective antibody responses to a model antigen during persistent LCMV infection. Cell reports, 45(4), 117145.

Segrén N, et al. (2026) Early-life B cell memory is archived in the mouse B-1 cell compartment and drives chronic lymphocytic leukemia-like disease. Cell reports, 45(4), 117202.

Dai P, et al. (2025) Transcription-coupled AID deamination damage depends on ELOF1-associated RNA polymerase II. Molecular cell, 85(7), 1280.

Ding Z, et al. (2025) Long-lived IgE plasma cells persist in secondary lymphoid tissues using a navitoclax-sensitive survival program. Immunity, 58(11), 2704.

Dai P, et al. (2025) Protocol for genetic dissection of class switch recombination using genome-editing tools. STAR protocols, 6(2), 103882.

Tsaousidou E, et al. (2024) Endogenous p53 inhibitor TIRR dissociates systemic metabolic health from oncogenic activity. Cell reports, 43(6), 114337.

Wiehe K, et al. (2024) Mutation-guided vaccine design: A process for developing boosting immunogens for HIV broadly neutralizing antibody induction. Cell host & microbe, 32(5), 693.

Li X, et al. (2024) Deficiency of CBL and CBLB ubiquitin ligases leads to hyper T follicular helper cell responses and lupus by reducing BCL6 degradation. Immunity, 57(7), 1603.

Diehl C, et al. (2024) Hyperreactive B cells instruct their elimination by T cells to curb autoinflammation and lymphomagenesis. Immunity.

Knudsen ML, et al. (2022) Adjuvants influence the maturation of VRC01-like antibodies during immunization. iScience, 25(11), 105473.

Chen X, et al. (2022) Protocol to identify and monitor key mutations of broadly neutralizing antibody lineages following sequential immunization of Ig-humanized mice. STAR protocols, 3(1), 101180.

Mu Z, et al. (2022) mRNA-encoded HIV-1 Env trimer ferritin nanoparticles induce monoclonal antibodies that neutralize heterologous HIV-1 isolates in mice. Cell reports, 38(11), 110514.

Ruan GX, et al. (2022) The spliceosome component Usp39 controls B cell development by regulating immunoglobulin gene rearrangement. Cell reports, 38(6), 110338.

Chen X, et al. (2021) Vaccination induces maturation in a mouse model of diverse unmutated VRC01-class precursors to HIV-neutralizing antibodies with >50% breadth. Immunity, 54(2), 324.

Shen HM, et al. (2021) Loop extrusion promotes an alternate pathway for isotype switching. Cell reports, 37(8), 110059.

Sundling C, et al. (2021) Positive selection of IgG⁺ over IgM⁺ B cells in the germinal center reaction. Immunity, 54(5), 988.

Ramezani-Rad P, et al. (2020) Cyclin D3 Governs Clonal Expansion of Dark Zone Germinal Center B Cells. Cell reports, 33(7), 108403.

Haniuda K, et al. (2020) Metabolic Reprogramming Induces Germinal Center B Cell Differentiation through Bcl6 Locus Remodeling. Cell reports, 33(5), 108333.

Lin YR, et al. (2020) HIV-1 VRC01 Germline-Targeting Immunogens Select Distinct Epitope-Specific B Cell Receptors. Immunity, 53(4), 840.

Alterauge D, et al. (2020) Continued Bcl6 Expression Prevents the Transdifferentiation of Established Tfh Cells into Th1 Cells during Acute Viral Infection. Cell reports, 33(1), 108232.