Resource Summary Report

Generated by NIF on Sep 4, 2026

Rat Anti-IgG2b Monoclonal Antibody, FITC Conjugated, Clone R12-3

RRID:AB_394833
Type: Antibody

Proper Citation

BD Biosciences Cat# 553395, RRID:AB_394833

Antibody Information

URL: http://antibodyregistry.org/AB_394833

Proper Citation: BD Biosciences Cat# 553395, RRID:AB_394833

Target Antigen: IgG2b

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry, Intracellular staining (flow Cytotoxicityometry)

Antibody Name: Rat Anti-IgG2b Monoclonal Antibody, FITC Conjugated, Clone R12-3

Description: This monoclonal targets IgG2b

Target Organism: mouse

Clone ID: R12-3

Antibody ID: AB_394833

Vendor: BD Biosciences

Catalog Number: 553395

Record Creation Time: 20231110T044631+0000

Record Last Update: 20260829T003936+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-IgG2b Monoclonal Antibody, FITC Conjugated, Clone R12-3.

No alerts have been found for Rat Anti-IgG2b Monoclonal Antibody, FITC Conjugated, Clone R12-3.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Siniscalco ER, et al. (2025) Sequential class switching generates antigen-specific gut IgA from IgG1 B cells. Immunity, 58(12), 3075.

He C, et al. (2025) The balance between conventional and unconventional T follicular helper cells influences autoreactive B cell responses. Cell reports, 44(5), 115602.

Guan F, et al. (2023) GSDMA3 deficiency reprograms cellular metabolism and modulates BCR signaling in murine B cells. iScience, 26(8), 107341.

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.

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.

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

Parks KR, et al. (2019) Overcoming Steric Restrictions of VRC01 HIV-1 Neutralizing Antibodies through Immunization. Cell reports, 29(10), 3060.

Duan H, et al. (2018) Glycan Masking Focuses Immune Responses to the HIV-1 CD4-Binding Site and Enhances Elicitation of VRC01-Class Precursor Antibodies. Immunity, 49(2), 301.