

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 13, 2025

## IgG2a/2b

RRID:AB\_394837

Type: Antibody

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### Proper Citation

(BD Biosciences Cat# 553399, RRID:AB\_394837)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_394837](http://antibodyregistry.org/AB_394837)

**Proper Citation:** (BD Biosciences Cat# 553399, RRID:AB\_394837)

**Target Antigen:** IgG2a/2b

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Flow cytometry, Intracellular staining (flow Cytotoxicityometry)

**Antibody Name:** IgG2a/2b

**Description:** This monoclonal targets IgG2a/2b

**Target Organism:** mouse

**Antibody ID:** AB\_394837

**Vendor:** BD Biosciences

**Catalog Number:** 553399

**Record Creation Time:** 20241017T001458+0000

**Record Last Update:** 20241017T015507+0000

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### Ratings and Alerts

No rating or validation information has been found for IgG2a/2b.

No alerts have been found for IgG2a/2b.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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.

Csepregi L, et al. (2024) The physiological landscape and specificity of antibody repertoires are consolidated by multiple immunizations. *eLife*, 13.

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.

Kumar Mishra S, et al. (2021) Neuroprotective response and efficacy of intravenous administration of mesenchymal stem cells in traumatic brain injury mice. *The European journal of neuroscience*.

Mesin L, et al. (2020) Restricted Clonality and Limited Germinal Center Reentry Characterize Memory B Cell Reactivation by Boosting. *Cell*, 180(1), 92.

Kealy L, et al. (2020) The Histone Methyltransferase DOT1L Is Essential for Humoral Immune Responses. *Cell reports*, 33(11), 108504.

Sheikh AA, et al. (2019) Context-Dependent Role for T-bet in T Follicular Helper Differentiation and Germinal Center Function following Viral Infection. *Cell reports*, 28(7), 1758.

Shikatani EA, et al. (2019) c-Myb Exacerbates Atherosclerosis through Regulation of Protective IgM-Producing Antibody-Secreting Cells. *Cell reports*, 27(8), 2304.