

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

CD51

RRID:AB_394088

Type: Antibody

Proper Citation

BD Biosciences Cat# 551187, RRID:AB_394088

Antibody Information

URL: http://antibodyregistry.org/AB_394088

Proper Citation: BD Biosciences Cat# 551187, RRID:AB_394088

Target Antigen: CD51

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD51

Description: This monoclonal targets CD51

Target Organism: mouse

Antibody ID: AB_394088

Vendor: BD Biosciences

Catalog Number: 551187

Record Creation Time: 20250820T005415+0000

Record Last Update: 20250820T093049+0000

Ratings and Alerts

No rating or validation information has been found for CD51.

No alerts have been found for CD51.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zhao T, et al. (2025) Derepressing nuclear pyruvate dehydrogenase induces therapeutic cancer cell reprogramming. *Cell metabolism*, 37(8), 1667.

Paterson N, et al. (2022) Macrophage network dynamics depend on haptokinesis for optimal local surveillance. *eLife*, 11.

Roy IM, et al. (2022) Inhibition of SRC-mediated integrin signaling in bone marrow niche enhances hematopoietic stem cell function. *iScience*, 25(10), 105171.

Jones RE, et al. (2019) Skeletal Stem Cell-Schwann Cell Circuitry in Mandibular Repair. *Cell reports*, 28(11), 2757.

Berrien-Elliott MM, et al. (2019) MicroRNA-142 Is Critical for the Homeostasis and Function of Type 1 Innate Lymphoid Cells. *Immunity*, 51(3), 479.

Mohr S, et al. (2017) Hoxa9 and Meis1 Cooperatively Induce Addiction to Syk Signaling by Suppressing miR-146a in Acute Myeloid Leukemia. *Cancer cell*, 31(4), 549.