

Resource Summary Report

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

Rat Anti-Mouse CD45 Antibody, V450 Conjugated

RRID:AB_1645275

Type: Antibody

Proper Citation

BD Biosciences Cat# 560501, RRID:AB_1645275

Antibody Information

URL: http://antibodyregistry.org/AB_1645275

Proper Citation: BD Biosciences Cat# 560501, RRID:AB_1645275

Target Antigen: Mouse CD45

Host Organism: rat

Clonality: unknown

Comments: Flow cytometry

Antibody Name: Rat Anti-Mouse CD45 Antibody, V450 Conjugated

Description: This unknown targets Mouse CD45

Target Organism: mouse

Antibody ID: AB_1645275

Vendor: BD Biosciences

Catalog Number: 560501

Record Creation Time: 20250819T222601+0000

Record Last Update: 20250820T021045+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-Mouse CD45 Antibody, V450 Conjugated.

No alerts have been found for Rat Anti-Mouse CD45 Antibody, V450 Conjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Lehtonen H, et al. (2025) Early precursor-derived pituitary gland tissue-resident macrophages play a pivotal role in modulating hormonal balance. *Cell reports*, 44(2), 115227.

Kaji E, et al. (2025) Fungal pathogen-responsive Th17 cells in gut-mouth axis enhance protection against oropharyngeal candidiasis. *iScience*, 28(6), 112675.

Chen HH, et al. (2024) DDX3 regulates cancer immune surveillance via 3' UTR-mediated cell-surface expression of PD-L1. *Cell reports*, 43(3), 113937.

Liu Y, et al. (2024) Squalene-epoxidase-catalyzed 24(S),25-epoxycholesterol synthesis promotes trained-immunity-mediated antitumor activity. *Cell reports*, 43(4), 114094.

Fu A, et al. (2022) Tumor-resident intracellular microbiota promotes metastatic colonization in breast cancer. *Cell*, 185(8), 1356.

Ignacio A, et al. (2022) Small intestinal resident eosinophils maintain gut homeostasis following microbial colonization. *Immunity*, 55(7), 1250.

Nagao JI, et al. (2022) Pathobiont-responsive Th17 cells in gut-mouth axis provoke inflammatory oral disease and are modulated by intestinal microbiome. *Cell reports*, 40(10), 111314.

Kim S, et al. (2020) High Amount of Transcription Factor IRF8 Engages AP1-IRF Composite Elements in Enhancers to Direct Type 1 Conventional Dendritic Cell Identity. *Immunity*, 53(4), 759.

Walens A, et al. (2019) CCL5 promotes breast cancer recurrence through macrophage recruitment in residual tumors. *eLife*, 8.

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

Himburg HA, et al. (2018) Distinct Bone Marrow Sources of Pleiotrophin Control Hematopoietic Stem Cell Maintenance and Regeneration. *Cell stem cell*, 23(3), 370.