

Resource Summary Report

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

APC Rat Anti-Mouse CD8a

RRID:AB_398527

Type: Antibody

Proper Citation

BD Biosciences Cat# 553035, RRID:AB_398527

Antibody Information

URL: http://antibodyregistry.org/AB_398527

Proper Citation: BD Biosciences Cat# 553035, RRID:AB_398527

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: APC Rat Anti-Mouse CD8a

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: 53-6.7

Antibody ID: AB_398527

Vendor: BD Biosciences

Catalog Number: 553035

Record Creation Time: 20250819T233629+0000

Record Last Update: 20250820T055145+0000

Ratings and Alerts

No rating or validation information has been found for APC Rat Anti-Mouse CD8a.

No alerts have been found for APC Rat Anti-Mouse CD8a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Bartram J, et al. (2026) Activation of a branched-chain amino acid rheostat restores replication-dependent hematopoietic stem cell fitness. *Cell stem cell*.

Wang B, et al. (2026) Axes of biological variation in diffuse large B cell lymphoma. *Cancer cell*.

Coulibaly ASK, et al. (2025) Id2 levels determine the development of effector vs. exhausted tissue-resident memory CD8⁺ T cells during CNS chronic infection. *Cell reports*, 44(6), 115861.

Tang R, et al. (2025) Stromal Stiffness-Regulated IGF2BP2 in Pancreatic Cancer Drives Immune Evasion via Sphingomyelin Metabolism. *Gastroenterology*, 169(4), 615.

Mauvais FX, et al. (2025) Metallophilic marginal zone macrophages cross-prime CD8⁺ T cell-mediated protective immunity against blood-borne tumors. *Immunity*, 58(4), 843.

Zhang J, et al. (2025) Thymic dendritic cell-derived IL-27p28 promotes the establishment of functional bias against IFN- γ production in newly generated CD4⁺ T cells through STAT1-related epigenetic mechanisms. *eLife*, 13.

Qu K, et al. (2025) Enhancement of antitumor immunity by CTLA-4 antisense oligonucleotides with CpG motif in mice. *International immunopharmacology*, 167, 115648.

Kim HC, et al. (2025) Gut microbiota dysbiosis induced by brain tumors modulates the efficacy of immunotherapy. *Cell reports*, 44(7), 115825.

Trotta R, et al. (2025) Activated T Cells Break Tumor Immunosuppression by Macrophage Reeducation. *Cancer discovery*, 15(7), 1410.

Qian B, et al. (2024) Podocyte SIRP α reduction aggravates lupus nephritis via promoting T cell inflammatory responses. *Cell reports*, 43(5), 114249.

Pietrasanta C, et al. (2024) Prenatal antibiotics reduce breast milk IgA and induce dysbiosis in mouse offspring, increasing neonatal susceptibility to bacterial sepsis. *Cell host & microbe*, 32(12), 2178.

Porier DL, et al. (2024) Humoral and T-cell-mediated responses to an insect-specific flavivirus-based Zika virus vaccine candidate. *PLoS pathogens*, 20(10), e1012566.

Zhao HY, et al. (2024) A mitochondria-targeting dihydroartemisinin derivative as a reactive oxygen species -based immunogenic cell death inducer. *iScience*, 27(1), 108702.

Kim D, et al. (2024) Inhibitory co-receptor Lag3 supports Foxp3+ regulatory T cell function by restraining Myc-dependent metabolic programming. *Immunity*, 57(11), 2634.

Shi W, et al. (2024) Next-generation anti-PD-L1/IL-15 immunocytokine elicits superior antitumor immunity in cold tumors with minimal toxicity. *Cell reports. Medicine*, 5(5), 101531.

Amodio V, et al. (2023) Genetic and pharmacological modulation of DNA mismatch repair heterogeneous tumors promotes immune surveillance. *Cancer cell*, 41(1), 196.

He L, et al. (2023) Genetic architecture of the acute and persistent immune cell response after radiation exposure. *Cell genomics*, 3(11), 100422.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. *iScience*, 26(5), 106698.

Kim HH, et al. (2023) xCT-mediated glutamate excretion in white adipocytes stimulates interferon- γ production by natural killer cells in obesity. *Cell reports*, 42(6), 112636.

Kim SM, et al. (2023) Secreted *Akkermansia muciniphila* threonyl-tRNA synthetase functions to monitor and modulate immune homeostasis. *Cell host & microbe*, 31(6), 1021.