

Resource Summary Report

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

CD45 antibody

RRID:AB_442810

Type: Antibody

Proper Citation

Abcam Cat# ab10558, RRID:AB_442810

Antibody Information

URL: http://antibodyregistry.org/AB_442810

Proper Citation: Abcam Cat# ab10558, RRID:AB_442810

Target Antigen: CD45 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: Immunohistochemistry - frozen; Immunocytochemistry; Western Blot; Immunofluorescence; Flow Cytometry; Immunohistochemistry; Immunohistochemistry - fixed; Flow Cyt, ICC/IF, IHC-Fr, IHC-P, WB
Info: Used by Czech Centre for Phenogenomics

Antibody Name: CD45 antibody

Description: This polyclonal targets CD45 antibody

Target Organism: rat, mouse, human

Antibody ID: AB_442810

Vendor: Abcam

Catalog Number: ab10558

Record Creation Time: 20250819T214656+0000

Record Last Update: 20250820T000511+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics
<https://www.phenogenomics.cz/>

No alerts have been found for CD45 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 61 mentions in open access literature.

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

Chen C, et al. (2026) B cells disrupt tertiary lymphoid structure formation and suppress anti-tumor immunity. Cancer cell.

Lee W, et al. (2025) Neutrophil extracellular traps promote pre-metastatic niche formation in the omentum by expanding innate-like B cells that express IL-10. Cancer cell, 43(1), 69.

McGlade EA, et al. (2025) Progesterone signaling in oviductal epithelial cells modulates the immune response to support preimplantation embryonic development. Science advances, 11(16), eadt6113.

Cáliz-Molina MÁ, et al. (2025) Enhanced non-enzymatic H₂S generation extends lifespan and healthspan in male mice. Cell metabolism.

Valenti G, et al. (2025) Regulatory network analysis of Dclk1 gene expression reveals a tuft cell-ILC2 axis that inhibits pancreatic tumor progression. Cell reports, 44(6), 115734.

Qiu S, et al. (2025) A pathological role of O-GlcNAcylation-driven TR11B production and function in lung adenocarcinoma. Developmental cell.

Oka T, et al. (2025) Epigenomic regulation of stemness contributes to the low immunogenicity of the most mutated human cancer. Cell reports, 44(5), 115561.

Hua S, et al. (2025) Genetic disruption of the circadian gene Bmal1 in the intestinal epithelium reduces colonic inflammation. EMBO reports, 26(12), 3138.

Scharpf BR, et al. (2025) Prostatic Escherichia coli infection drives CCR2-dependent recruitment of fibrocytes and collagen production. Disease models & mechanisms, 18(1).

Geng L, et al. (2025) Systematic profiling reveals betaine as an exercise mimetic for geroprotection. Cell.

Birnhuber A, et al. (2025) Pulmonary vascular remodeling in Fra-2 transgenic mice is driven by type 2 inflammation and accompanied by pulmonary vascular hyperresponsiveness. American journal of physiology. Lung cellular and molecular physiology, 328(3), L413.

Li L, et al. (2025) A bacterial toxin as a novel anti-cancer drug modulating the tumor-microenvironment. *Cell death & disease*, 16(1), 874.

Peng T, et al. (2025) Individualized patient tumor organoids faithfully preserve human brain tumor ecosystems and predict patient response to therapy. *Cell stem cell*, 32(4), 652.

Lei J, et al. (2025) Senescence-resistant human mesenchymal progenitor cells counter aging in primates. *Cell*, 188(18), 5039.

Wen H, et al. (2025) NRF2 activation in cancer cells suppresses immune infiltration into the tumor microenvironment. *iScience*, 28(10), 113519.

Sato S, et al. (2025) Effects of female hormone withdrawal and ulipristal acetate on MED12 mutation positive and negative uterine leiomyomas using a xenograft model. *Scientific reports*, 15(1), 40028.

Knebel UE, et al. (2024) Disrupted RNA editing in beta cells mimics early-stage type 1 diabetes. *Cell metabolism*, 36(1), 48.

Li YH, et al. (2024) G protein subunit G β 13-mediated signaling pathway is critical to the inflammation resolution and functional recovery of severely injured lungs. *eLife*, 12.

Yang Y, et al. (2024) Metformin decelerates aging clock in male monkeys. *Cell*, 187(22), 6358.

Qiu L, et al. (2024) TLR3 activation enhances abscopal effect of radiotherapy in HCC by promoting tumor ferroptosis. *EMBO molecular medicine*, 16(5), 1193.