

Resource Summary Report

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CD45 Monoclonal Antibody (30-F11), eFluor™ 450, eBioscience

RRID:AB_1518807

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 48-0451-80, RRID:AB_1518807)

Antibody Information

URL: http://antibodyregistry.org/AB_1518807

Proper Citation: (Thermo Fisher Scientific Cat# 48-0451-80, RRID:AB_1518807)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.5 µg/test)
Consolidation on 1/2020: AB_1518807, AB_10381060

Antibody Name: CD45 Monoclonal Antibody (30-F11), eFluor™ 450, eBioscience

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_1518807

Vendor: Thermo Fisher Scientific

Catalog Number: 48-0451-80

Record Creation Time: 20231110T073811+0000

Ratings and Alerts

No rating or validation information has been found for CD45 Monoclonal Antibody (30-F11), eFluor™ 450, eBioscience.

No alerts have been found for CD45 Monoclonal Antibody (30-F11), eFluor™ 450, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Ohigashi I, et al. (2024) Developmental conversion of thymocyte-attracting cells into self-antigen-displaying cells in embryonic thymus medulla epithelium. eLife, 12.

Garcia P, et al. (2024) Setdb1 protects genome integrity in murine muscle stem cells to allow for regenerative myogenesis and inflammation. Developmental cell, 59(17), 2375.

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.

Zindl CL, et al. (2022) A nonredundant role for T cell-derived interleukin 22 in antibacterial defense of colonic crypts. Immunity, 55(3), 494.

Fujimori S, et al. (2022) Fine-tuning of β -catenin in mouse thymic epithelial cells is required for postnatal T-cell development. eLife, 11.

Zou L, et al. (2022) Brain innate immune response via miRNA-TLR7 sensing in polymicrobial sepsis. Brain, behavior, and immunity, 100, 10.

Xie C, et al. (2021) Endoderm development requires centrioles to restrain p53-mediated apoptosis in the absence of ERK activity. Developmental cell, 56(24), 3334.

Breznik JA, et al. (2021) Biological sex, not reproductive cycle, influences peripheral blood immune cell prevalence in mice. The Journal of physiology, 599(8), 2169.

Giordani L, et al. (2019) High-Dimensional Single-Cell Cartography Reveals Novel Skeletal Muscle-Resident Cell Populations. *Molecular cell*, 74(3), 609.

Choi WM, et al. (2019) Glutamate Signaling in Hepatic Stellate Cells Drives Alcoholic Steatosis. *Cell metabolism*, 30(5), 877.

Agudo J, et al. (2018) Quiescent Tissue Stem Cells Evade Immune Surveillance. *Immunity*, 48(2), 271.

Xia P, et al. (2018) A Circular RNA Protects Dormant Hematopoietic Stem Cells from DNA Sensor cGAS-Mediated Exhaustion. *Immunity*, 48(4), 688.