

Resource Summary Report

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

RRID:AB_1518806

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 48-0451-82, RRID:AB_1518806)

Antibody Information

URL: http://antibodyregistry.org/AB_1518806

Proper Citation: (Thermo Fisher Scientific Cat# 48-0451-82, RRID:AB_1518806)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.5 µg/test)
Consolidation on 1/2020: AB_1518806, AB_10383423

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_1518806

Vendor: Thermo Fisher Scientific

Catalog Number: 48-0451-82

Record Creation Time: 20231110T073748+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 56 mentions in open access literature.

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

Simats A, et al. (2024) Innate immune memory after brain injury drives inflammatory cardiac dysfunction. *Cell*, 187(17), 4637.

Fukushima H, et al. (2024) Phototruncation cell tracking with near-infrared photoimmunotherapy using heptamethine cyanine dye to visualise migratory dynamics of immune cells. *EBioMedicine*, 102, 105050.

Passino R, et al. (2024) Neutrophil-inflicted vasculature damage suppresses immune-mediated optic nerve regeneration. *Cell reports*, 43(3), 113931.

Du C, et al. (2024) Mitochondrial serine catabolism safeguards maintenance of the hematopoietic stem cell pool in homeostasis and injury. *Cell stem cell*, 31(10), 1484.

Waas M, et al. (2024) Droplet-based proteomics reveals CD36 as a marker for progenitors in mammary basal epithelium. *Cell reports methods*, 4(4), 100741.

Shen J, et al. (2024) Gasdermin D deficiency aborts myeloid calcium influx to drive granulopoiesis in lupus nephritis. *Cell communication and signaling : CCS*, 22(1), 308.

Carlantoni C, et al. (2024) The phosphodiesterase 2A controls lymphatic junctional maturation via cGMP-dependent notch signaling. *Developmental cell*, 59(3), 308.

Kwon DI, et al. (2024) Fc-fused IL-7 provides broad antiviral effects against respiratory virus infections through IL-17A-producing pulmonary innate-like T cells. *Cell reports. Medicine*, 5(1), 101362.

Spari D, et al. (2024) Released bacterial ATP shapes local and systemic inflammation during abdominal sepsis. *eLife*, 13.

Dan J, et al. (2023) Oncolytic virus M1 functions as a bifunctional checkpoint inhibitor to enhance the antitumor activity of DC vaccine. *Cell reports. Medicine*, 4(10), 101229.

Nicoletti C, et al. (2023) Muscle denervation promotes functional interactions between glial and mesenchymal cells through NGFR and NGF. *iScience*, 26(7), 107114.

Mack KL, et al. (2023) Allele-specific expression reveals genetic drivers of tissue regeneration in mice. *Cell stem cell*, 30(10), 1368.

Zhang D, et al. (2023) PHGDH-mediated endothelial metabolism drives glioblastoma resistance to chimeric antigen receptor T cell immunotherapy. *Cell metabolism*, 35(3), 517.

Zhao Y, et al. (2023) Myeloid BAF60a deficiency alters metabolic homeostasis and exacerbates atherosclerosis. *Cell reports*, 42(10), 113171.

Li W, et al. (2023) Monocyte-derived Kupffer cells dominate in the Kupffer cell pool during liver injury. *Cell reports*, 42(10), 113164.

Kim K, et al. (2023) The Influence of Maternal High Fat Diet During Lactation on Offspring Hematopoietic Priming. *Endocrinology*, 165(1).

Green JP, et al. (2023) Discovery of an inhibitor of DNA-driven inflammation that preferentially targets the AIM2 inflammasome. *iScience*, 26(5), 106758.

Nicolas AM, et al. (2022) Inflammatory fibroblasts mediate resistance to neoadjuvant therapy in rectal cancer. *Cancer cell*, 40(2), 168.

Du C, et al. (2022) Renal Klotho and inorganic phosphate are extrinsic factors that antagonistically regulate hematopoietic stem cell maintenance. *Cell reports*, 38(7), 110392.

Saxena V, et al. (2022) Treg tissue stability depends on lymphotoxin beta-receptor- and adenosine-receptor-driven lymphatic endothelial cell responses. *Cell reports*, 39(3), 110727.