

Resource Summary Report

Generated by NIF on Jul 28, 2026

CD45 Monoclonal Antibody (30-F11), PE, eBioscience

RRID:AB_465668

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 12-0451-82, RRID:AB_465668)

Antibody Information

URL: http://antibodyregistry.org/AB_465668

Proper Citation: (Thermo Fisher Scientific Cat# 12-0451-82, RRID:AB_465668)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_465668, AB_10114105

Antibody Name: CD45 Monoclonal Antibody (30-F11), PE, eBioscience

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_465668

Vendor: Thermo Fisher Scientific

Catalog Number: 12-0451-82

Record Creation Time: 20251213T073558+0000

Record Last Update: 20260225T230739+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Yue F, et al. (2025) Mitochondrial fatty acid oxidation regulates adult muscle stem cell function through modulating metabolic flux and protein acetylation. The EMBO journal, 44(9), 2566.

Li X, et al. (2025) The direct and indirect inhibition of proinflammatory adipose tissue macrophages by acarbose in diet-induced obesity. Cell reports. Medicine, 6(1), 101883.

Shea JM, et al. (2025) Microglia aging in the hippocampus advances through intermediate states that drive activation and cognitive decline. eLife, 13.

Li Q, et al. (2025) Stromal Cell-Mast Cell Communication Orchestrates Anti-Viral Immunity in the Meninges. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e14842.

Louie AY, et al. (2024) Respiratory infection with influenza A virus delays remyelination and alters oligodendrocyte metabolism. iScience, 27(8), 110464.

Shea JM, et al. (2024) MICROGLIA AGING IN THE HIPPOCAMPUS ADVANCES THROUGH INTERMEDIATE STATES THAT DRIVE INFLAMMATORY ACTIVATION AND COGNITIVE DECLINE. bioRxiv : the preprint server for biology.

Verma M, et al. (2024) Endothelial cell signature in muscle stem cells validated by VEGFA-FLT1-AKT1 axis promoting survival of muscle stem cell. eLife, 13.

Xia L, et al. (2024) Osimertinib Covalently Binds to CD34 and Eliminates Myeloid Leukemia Stem/Progenitor Cells. Cancer research, 84(3), 479.

Xiao J, et al. (2024) 25-Hydroxycholesterol regulates lysosome AMP kinase activation and metabolic reprogramming to educate immunosuppressive macrophages. Immunity, 57(5), 1087.

Blackburn DM, et al. (2024) The E3 ubiquitin ligase Nedd4L preserves skeletal muscle stem cell quiescence by inhibiting their activation. iScience, 27(7), 110241.

Kim KH, et al. (2023) PRMT5 mediates FoxO1 methylation and subcellular localization to regulate lipophagy in myogenic progenitors. Cell reports, 42(11), 113329.

Liu H, et al. (2023) Neutralizing IL-8 potentiates immune checkpoint blockade efficacy for glioma. *Cancer cell*, 41(4), 693.

Oprescu SN, et al. (2023) Sox11 is enriched in myogenic progenitors but dispensable for development and regeneration of the skeletal muscle. *Skeletal muscle*, 13(1), 15.

Li C, et al. (2023) Protocol for high-sensitivity western blot on murine hematopoietic stem cells. *STAR protocols*, 4(4), 102578.

Zindl CL, et al. (2022) A nonredundant role for T_H17 cell-derived interleukin 22 in antibacterial defense of colonic crypts. *Immunity*, 55(3), 494.

Fazio G, et al. (2022) PAX5 fusion genes are frequent in poor risk childhood acute lymphoblastic leukaemia and can be targeted with BIBF1120. *EBioMedicine*, 83, 104224.

Tsuneki H, et al. (2022) Hypothalamic orexin prevents non-alcoholic steatohepatitis and hepatocellular carcinoma in obesity. *Cell reports*, 41(3), 111497.

Yue F, et al. (2022) Lipid droplet dynamics regulate adult muscle stem cell fate. *Cell reports*, 38(3), 110267.

Miyao T, et al. (2022) Integrative analysis of scRNA-seq and scATAC-seq revealed transit-amplifying thymic epithelial cells expressing autoimmune regulator. *eLife*, 11.

Somebang K, et al. (2021) CCR2 deficiency alters activation of microglia subsets in traumatic brain injury. *Cell reports*, 36(12), 109727.