

Resource Summary Report

Generated by [NIF](#) on Sep 12, 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: 20260903T215158+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 42 mentions in open access literature.

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

Yu J, et al. (2026) 6-Hydroxydopamine promotes antitumor immunity through macrophage remodeling beyond sympathetic ablation. *Neuron*, 114(14), 2532.

Chen F, et al. (2026) CCL3+ Neutrophil Signature Predicts Response to Neoadjuvant Toripalimab plus Chemotherapy in Patients with Hypopharyngeal Squamous Cell Carcinoma: A Phase II Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(11), 2166.

Ji X, et al. (2026) Fgf18 marks reserve skeletal progenitors in the fibrous periosteum contributing to bone fracture repair. *Cell reports*, 45(6), 117525.

Sucharov J, et al. (2026) Aged circulating CD8+ T cells and their secreted factors drive cognitive decline. *Immunity*, 59(6), 1651.

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.

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*.

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

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.

Blackburn DM, et al. (2024) The E3 ubiquitin ligase Neddd4L preserves skeletal muscle stem cell quiescence by inhibiting their activation. *iScience*, 27(7), 110241.

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

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

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.

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

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.

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.