

Resource Summary Report

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

RRID:AB_469392

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 17-0451-82, RRID:AB_469392)

Antibody Information

URL: http://antibodyregistry.org/AB_469392

Proper Citation: (Thermo Fisher Scientific Cat# 17-0451-82, RRID:AB_469392)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_469392, AB_10131232

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

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_469392

Vendor: Thermo Fisher Scientific

Catalog Number: 17-0451-82

Record Creation Time: 20251213T073450+0000

Record Last Update: 20260225T230609+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 54 mentions in open access literature.

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

Zhou J, et al. (2026) Gut-derived succinic acid potentiates high-altitude-related spermatogenesis dysfunction. *Cell host & microbe*, 34(1), 52.

Yan HZ, et al. (2025) Dual role of Lyz2-positive myeloid cells in traumatic brain injury: acute anti-inflammatory effects vs. chronic neurological deterioration. *Frontiers in cellular neuroscience*, 19, 1642410.

Petry P, et al. (2025) Early microglia progenitors colonize the embryonic CNS via integrin-mediated migration from the pial surface. *Developmental cell*.

Wang F, et al. (2025) An age-related decrease in leptin contributes to CD8+ T cell aging in the tumor microenvironment. *Cell reports. Medicine*, 6(9), 102310.

Fan CY, et al. (2025) Divergent sex-specific pannexin-1 mechanisms in microglia and T cells underlie neuropathic pain. *Neuron*, 113(6), 896.

Ji P, et al. (2025) Single-cell delineation of the microbiota-gut-brain axis: Probiotic intervention in Chd8 haploinsufficient mice. *Cell genomics*, 5(2), 100768.

Ortiz AR, et al. (2025) Myeloid-specific CAMKK2 deficiency protects against diet-induced obesity and insulin resistance by rewiring metabolic gene expression and enhancing energy expenditure. *Molecular metabolism*, 101, 102250.

Cumming J, et al. (2025) Dissecting FAP+ Cell Diversity in Pancreatic Cancer Uncovers an Interferon-Response Subtype of Cancer-Associated Fibroblasts with Tumor-Restraining Properties. *Cancer research*, 85(13), 2388.

Han Y, et al. (2025) Tumors hijack macrophages for iron supply to promote bone metastasis and anemia. *Cell*.

Zhuang Q, et al. (2024) RNA Methyltransferase FTSJ3 Regulates the Type I Interferon Pathway to Promote Hepatocellular Carcinoma Immune Evasion. *Cancer research*, 84(3), 405.

Ge Y, et al. (2024) Functional regulation of microglia by vitamin B12 alleviates ischemic stroke-induced neuroinflammation in mice. *iScience*, 27(4), 109480.

Schmitt P, et al. (2024) TL1A is an epithelial alarmin that cooperates with IL-33 for initiation of allergic airway inflammation. *The Journal of experimental medicine*, 221(6).

Romero-Carramiñana I, et al. (2024) Ablation of Atp5if1 impairs metabolic reprogramming and proliferation of T lymphocytes and compromises mouse survival. *iScience*, 27(6), 109863.

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

Ding SQ, et al. (2024) Genetic deletion of the apoptosis associated speck like protein containing a card in LysM⁺ macrophages attenuates spinal cord injury by regulating M1/M2 polarization through ASC-dependent inflammasome signaling axis. *Experimental neurology*, 382, 114982.

Burganova G, et al. (2023) Pericytes modulate islet immune cells and insulin secretion through Interleukin-33 production in mice. *Frontiers in endocrinology*, 14, 1142988.

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

Li JL, et al. (2023) The polarization of microglia and infiltrated macrophages in the injured mice spinal cords: a dynamic analysis. *PeerJ*, 11, e14929.

Funk MC, et al. (2023) Aged intestinal stem cells propagate cell-intrinsic sources of inflammaging in mice. *Developmental cell*, 58(24), 2914.

Zhang Y, et al. (2023) Dietary fructose-mediated adipocyte metabolism drives antitumor CD8⁺ T cell responses. *Cell metabolism*, 35(12), 2107.