

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

CD45 Monoclonal Antibody (30-F11), PE-Cyanine7, eBioscience

RRID:AB_2734986

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 25-0451-82, RRID:AB_2734986)

Antibody Information

URL: http://antibodyregistry.org/AB_2734986

Proper Citation: (Thermo Fisher Scientific Cat# 25-0451-82, RRID:AB_2734986)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow

Antibody Name: CD45 Monoclonal Antibody (30-F11), PE-Cyanine7, eBioscience

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_2734986

Vendor: Thermo Fisher Scientific

Catalog Number: 25-0451-82

Record Creation Time: 20251213T074003+0000

Record Last Update: 20260225T231211+0000

Ratings and Alerts

No rating or validation information has been found for CD45 Monoclonal Antibody (30-F11), PE-Cyanine7, eBioscience.

No alerts have been found for CD45 Monoclonal Antibody (30-F11), PE-Cyanine7, 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](#) .

Lyu X, et al. (2026) Adventitial fibroblast-derived NAMPT is associated with vascular remodeling in erythropoietin-induced abdominal aortic aneurysm. Life sciences, 386, 124179.

Zhou YD, et al. (2025) T cell fate is dictated by different antigen presenting cells in response to dietary versus gut epithelial self-antigen. bioRxiv : the preprint server for biology.

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

Mei W, et al. (2025) A commonly inherited human PCSK9 germline variant drives breast cancer metastasis via LRP1 receptor. Cell, 188(2), 371.

Lee JY, et al. (2025) Senolytic-sensitive p16Ink4a+ fibroblasts in the tumor stroma rewire lung cancer metabolism and plasticity. Cell stem cell, 32(12), 1869.

Rohm TV, et al. (2025) Adipose Tissue Macrophages in Metabolic Dysfunction-Associated Steatohepatitis Secrete Extracellular Vesicles That Activate Liver Fibrosis in Obese Male Mice. Gastroenterology, 169(4), 691.

Rao A, et al. (2025) Microglia depletion reduces human neuronal APOE4-related pathologies in a chimeric Alzheimer's disease model. Cell stem cell, 32(1), 86.

Han F, et al. (2025) Lymphatic endothelial mTORC1 instructs metabolic and developmental signaling during lymphangiogenesis. Developmental cell, 60(17), 2331.

Lv Z, et al. (2024) Alveolar regeneration by airway secretory-cell-derived p63+ progenitors. Cell stem cell, 31(11), 1685.

Moeller J, et al. (2024) Ablation of PC1/3 in POMC-Expressing Tissues but Not in Immune Cells Induces Sepsis Hypersensitivity. Journal of the Endocrine Society, 8(11), bvae171.

Hashimoto M, et al. (2024) Spatial and single-cell colocalisation analysis reveals MDK-mediated immunosuppressive environment with regulatory T cells in colorectal carcinogenesis. *EBioMedicine*, 103, 105102.

Dong X, et al. (2024) LLDT-8 ameliorates experimental autoimmune encephalomyelitis by mediating macrophage functions in the priming stage. *European journal of pharmacology*, 962, 176201.

Kim H, et al. (2023) Differential DNA damage repair and PARP inhibitor vulnerability of the mammary epithelial lineages. *Cell reports*, 42(10), 113256.

Liao W, et al. (2023) Calcaratarin D, a labdane diterpenoid, attenuates mouse asthma via modulating alveolar macrophage function. *British journal of pharmacology*, 180(8), 1056.

Zhou Z, et al. (2023) CX3CR1^{hi} macrophages sustain metabolic adaptation by relieving adipose-derived stem cell senescence in visceral adipose tissue. *Cell reports*, 42(5), 112424.

Hu J, et al. (2023) Microglial Piezo1 senses A β fibril stiffness to restrict Alzheimer's disease. *Neuron*, 111(1), 15.

Liu X, et al. (2023) Context-dependent activation of STING-interferon signaling by CD11b agonists enhances anti-tumor immunity. *Cancer cell*, 41(6), 1073.

Gonzatti MB, et al. (2023) Targeting adrenergic receptors to mitigate invariant natural killer T cells-induced acute liver injury. *iScience*, 26(10), 107947.

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

Mitsuhashi A, et al. (2023) Identification of fibrocyte cluster in tumors reveals the role in antitumor immunity by PD-L1 blockade. *Cell reports*, 42(3), 112162.