

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

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

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: 20251213T073524+0000

Record Last Update: 20260225T230701+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 64 mentions in open access literature.

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

Scott-Solomon E, et al. (2026) Stress-induced sympathetic hyperactivation drives hair follicle necrosis to trigger autoimmunity. *Cell*, 189(1), 252.

Mehrabani-Tabari AA, et al. (2025) Inhibition of autophagy-lysosomal function exacerbates microglial and monocyte lipid metabolism reprogramming and dysfunction after brain injury. *bioRxiv : the preprint server for biology*.

Asare Y, et al. (2025) A cis-regulatory element controls expression of histone deacetylase 9 to fine-tune inflammasome-dependent chronic inflammation in atherosclerosis. *Immunity*, 58(3), 555.

Nikolic I, et al. (2025) Enhancing anti-tumor immunity of natural killer cells through targeting IL-15R signaling. *Cancer cell*.

Wang Y, et al. (2025) Bi-directional communication between intrinsic enteric neurons and ILC2s inhibits host defense against helminth infection. *Immunity*, 58(2), 465.

Goepp M, et al. (2025) Age-related impairment of intestinal inflammation resolution through an eicosanoid-immune-microbiota axis. *Cell host & microbe*, 33(5), 671.

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

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

Tiwari V, et al. (2024) Innate immune training restores pro-reparative myeloid functions to promote remyelination in the aged central nervous system. *Immunity*, 57(9), 2173.

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.

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.

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.

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.

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

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.

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