

# Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

## CD45 Monoclonal Antibody (30-F11), Alexa Fluor™ 700, eBioscience

RRID:AB\_891454

Type: Antibody

### Proper Citation

Thermo Fisher Scientific Cat# 56-0451-82, RRID:AB\_891454

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_891454](http://antibodyregistry.org/AB_891454)

**Proper Citation:** Thermo Fisher Scientific Cat# 56-0451-82, RRID:AB\_891454

**Target Antigen:** CD45

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: Flow  
Consolidation on 1/2020: AB\_891454, AB\_10222957

**Antibody Name:** CD45 Monoclonal Antibody (30-F11), Alexa Fluor™ 700, eBioscience

**Description:** This monoclonal targets CD45

**Target Organism:** mouse

**Clone ID:** Clone 30-F11

**Antibody ID:** AB\_891454

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** 56-0451-82

**Record Creation Time:** 20251213T073657+0000

**Record Last Update:** 20260903T215327+0000

### Ratings and Alerts

No rating or validation information has been found for CD45 Monoclonal Antibody (30-F11), Alexa Fluor™ 700, eBioscience.

No alerts have been found for CD45 Monoclonal Antibody (30-F11), Alexa Fluor™ 700, eBioscience.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Vanneste D, et al. (2026) MafB is a conserved transcriptional regulator of macrophage development and functional identity across tissues and species. *Immunity*, 59(3), 559.

Duguid A, et al. (2026) miR-93-mediated PTEN suppression and CNS-specific T cell exhaustion shape the leukemia niche in infant KMT2A::AFF1+ B-ALL. *Cell reports*, 45(5), 117353.

Yao H, et al. (2026) Piriform cortex gates learned fear through a brain-spleen neuroimmune axis. *Neuron*.

Zha M, et al. (2026) Single-cell omics and flow cytometry identify distinct immune states of dural and brain-infiltrating IL-17-producing ?? T cells after experimental stroke. *Journal of neuroinflammation*, 23(1).

Boutet M, et al. (2025) Mutations in MLL3 promote breast cancer progression via HIF1?-dependent intratumoral recruitment and differentiation of regulatory T cells. *Immunity*, 58(8), 2035.

Mortazavi Farsani SS, et al. (2025) Pyruvate kinase M2 activation reprograms mitochondria in CD8 T cells, enhancing effector functions and efficacy of anti-PD1 therapy. *Cell metabolism*, 37(6), 1294.

Zhong Y, et al. (2025) Photoconverted cells allow rapid assessment of vaccine adjuvant potency in mice. *iScience*, 28(7), 112774.

Lovins V, et al. (2025) Staphylococcus aureus promotes strain-dependent immunopathology during cutaneous leishmaniasis through induction of IL-1?. *Cell reports*, 44(5), 115624.

Boccardo S, et al. (2025) Dynamics of tissue repair regulatory T cells and damage in acute Trypanosoma cruzi infection. *PLoS pathogens*, 21(1), e1012906.

Reader CS, et al. (2025) The tetravalent, bispecific properties of FS118, an anti-LAG-3/PD-L1 antibody, mediate LAG-3 shedding from CD4 + and CD8 + tumor-infiltrating

lymphocytes. *Anti-cancer drugs*, 36(6), 447.

Cohen JN, et al. (2025) Regulatory T cells in skin utilize the Cxcr4-Cxcl12 axis to promote hair follicle regeneration. *Cell reports*, 44(11), 116467.

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

Hernández-Barranco A, et al. (2024) NGFR regulates stromal cell activation in germinal centers. *Cell reports*, 43(2), 113705.

You S, et al. (2024) Lymphatic-localized Treg-mregDC crosstalk limits antigen trafficking and restrains anti-tumor immunity. *Cancer cell*, 42(8), 1415.

Winkler I, et al. (2024) The cycling and aging mouse female reproductive tract at single-cell resolution. *Cell*, 187(4), 981.

Wang B, et al. (2024) Intermittent clearance of p21-highly-expressing cells extends lifespan and confers sustained benefits to health and physical function. *Cell metabolism*, 36(8), 1795.

Lim YJ, et al. (2024) MicroRNA-19b exacerbates systemic sclerosis through promoting Th9 cells. *Cell reports*, 43(8), 114565.

Knorr DA, et al. (2024) Fc $\gamma$ RIIB Is an Immune Checkpoint Limiting the Activity of Treg-Targeting Antibodies in the Tumor Microenvironment. *Cancer immunology research*, 12(3), 322.

Yan C, et al. (2023) Exhaustion-associated cholesterol deficiency dampens the cytotoxic arm of antitumor immunity. *Cancer cell*, 41(7), 1276.

Safi F, et al. (2023) In vitro clonal multilineage differentiation of distinct murine hematopoietic progenitor populations. *STAR protocols*, 4(1), 101965.