

Resource Summary Report

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

APC/Cyanine7 anti-mouse CD45

RRID:AB_312981

Type: Antibody

Proper Citation

BioLegend Cat# 103116, RRID:AB_312981

Antibody Information

URL: http://antibodyregistry.org/AB_312981

Proper Citation: BioLegend Cat# 103116, RRID:AB_312981

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC/Cyanine7 anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_312981

Vendor: BioLegend

Catalog Number: 103116

Alternative Catalog Numbers: 103115

Record Creation Time: 20250820T031933+0000

Record Last Update: 20250820T155659+0000

Ratings and Alerts

No rating or validation information has been found for APC/Cyanine7 anti-mouse CD45.

No alerts have been found for APC/Cyanine7 anti-mouse CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 204 mentions in open access literature.

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

Li A, et al. (2026) 5-HT reuptake blockade induces pyroptosis in BRAFV600E-mutated melanomas via remodeling histone serotonylation. Cell reports. Medicine, 102537.

Xu Y, et al. (2026) A dysregulated hepcidin-iron axis impairs antiviral immunity and induces lethal liver pathology in neonates. Immunity, 59(1), 79.

Thomas OG, et al. (2026) Anoctamin-2-specific T cells link Epstein-Barr virus to multiple sclerosis. Cell.

Hu X, et al. (2025) The transcription factor MEF2C restrains microglial overactivation by inhibiting kinase CDK2. Immunity, 58(4), 946.

Lai Y, et al. (2025) BCG-trained macrophages couple LDLR upregulation to type I IFN responses and antiviral immunity. Cell reports, 44(4), 115493.

Zhou RW, et al. (2025) Safe immunosuppression-resistant pan-cancer immunotherapeutics by velcro-like density-dependent targeting of tumor-associated carbohydrate antigens. Cell.

Janssen E, et al. (2025) DOCK8 in T cells promotes Th17 and Treg cell functionality to restrain mucosal mast cells and limit susceptibility to oral anaphylaxis. Immunity, 58(7), 1794.

Wang W, et al. (2025) BET inhibitor in combination with BCG vaccine enhances antitumor efficacy and orchestrates T??cell reprogramming for melanoma. Cell reports. Medicine, 6(3), 101995.

Adachi Y, et al. (2025) Enhancing the efficacy of near-infrared photoimmunotherapy through intratumoural delivery of CD44-targeting antibody-photoabsorber conjugates. EBioMedicine, 112, 105566.

Fachi JL, et al. (2025) Fiber- and acetate-mediated modulation of MHC-II expression on intestinal epithelium protects from Clostridioides difficile infection. Cell host & microbe, 33(2), 235.

Liu X, et al. (2025) Discovery, delineation, and therapeutic targeting of a hyper-translation pathway driving cytokine release syndrome. *Cell reports. Medicine*, 102531.

Le LHD, et al. (2025) The microglial response to inhibition of Colony-stimulating-factor-1 receptor by PLX3397 differs by sex in adult mice. *Cell reports*, 44(1), 115176.

Trotta R, et al. (2025) Activated T Cells Break Tumor Immunosuppression by Macrophage Reeducation. *Cancer discovery*, 15(7), 1410.

Ganapathi Sankaran D, et al. (2025) Gene-regulatory programs that specify age-related differences during thymocyte development. *Cell reports*, 44(7), 115903.

Woo MS, et al. (2025) The immunoproteasome disturbs neuronal metabolism and drives neurodegeneration in multiple sclerosis. *Cell*, 188(17), 4567.

Bastos J, et al. (2025) Monocytes can efficiently replace all brain macrophages and fetal liver monocytes can generate bona fide SALL1+ microglia. *Immunity*, 58(5), 1269.

Shi Y, et al. (2025) Piezo1 senses hyphae and initiates host defense against pathogenic fungi. *Cell reports*, 44(6), 115839.

Zhou Q, et al. (2025) Vorapaxar enhanced mitochondria-associated ferroptosis primes cancer immunotherapy via targeting FOXO1/HMOX1 axis. *Cell reports. Medicine*, 102371.

Sonehara K, et al. (2025) Whole-genome sequencing reveals rare and structural variants contributing to psoriasis and identifies CERCAM as a risk gene. *Cell genomics*, 100978.

Jung H, et al. (2025) The NLRP3 inflammasome in microglia regulates repetitive behavior by modulating NMDA glutamate receptor functions. *Cell reports*, 44(5), 115656.