

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*.

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.

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.

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

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

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.

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*.

- Liu X, et al. (2025) Discovery, delineation, and therapeutic targeting of a hyper-translation pathway driving cytokine release syndrome. *Cell reports. Medicine*, 102531.
- Trotta R, et al. (2025) Activated T Cells Break Tumor Immunosuppression by Macrophage Reeducation. *Cancer discovery*, 15(7), 1410.
- Shi Y, et al. (2025) Piezo1 senses hyphae and initiates host defense against pathogenic fungi. *Cell reports*, 44(6), 115839.
- Woo MS, et al. (2025) The immunoproteasome disturbs neuronal metabolism and drives neurodegeneration in multiple sclerosis. *Cell*, 188(17), 4567.
- Ganapathi Sankaran D, et al. (2025) Gene-regulatory programs that specify age-related differences during thymocyte development. *Cell reports*, 44(7), 115903.
- Jung H, et al. (2025) The NLRP3 inflammasome in microglia regulates repetitive behavior by modulating NMDA glutamate receptor functions. *Cell reports*, 44(5), 115656.
- 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.
- 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.
- 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.