

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

APC/Cyanine7 anti-mouse CD45

RRID:AB_312980

Type: Antibody

Proper Citation

BioLegend Cat# 103115, RRID:AB_312980

Antibody Information

URL: http://antibodyregistry.org/AB_312980

Proper Citation: BioLegend Cat# 103115, RRID:AB_312980

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_312980

Vendor: BioLegend

Catalog Number: 103115

Alternative Catalog Numbers: 103116

Record Creation Time: 20250819T220737+0000

Record Last Update: 20250820T011135+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 70 mentions in open access literature.

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

Cao Z, et al. (2025) Interferon- γ -stimulated antigen-presenting cancer-associated fibroblasts hinder neoadjuvant chemoimmunotherapy efficacy in lung cancer. *Cell reports. Medicine*, 6(3), 102017.

Duval F, et al. (2025) Trajectories of macrophage ontogeny and reprogramming in cancer. *iScience*, 28(5), 112498.

Qiu D, et al. (2025) Dectin-1 facilitates lung fungal-mediated pulmonary fibrosis. *Immunity*, 58(7), 1811.

Rozalén C, et al. (2025) TIM3+ breast cancer cells license immune evasion during micrometastasis outbreak. *Cancer cell*, 43(8), 1549.

Saini M, et al. (2025) StealTHY: An immunogen-free CRISPR platform to expose concealed metastasis regulators in immunocompetent models. *Cell*, 188(26), 7591.

Zhang Y, et al. (2025) EGR2 O-GlcNAcylation orchestrates the development of protumoral macrophages to limit CD8+ T cell antitumor responses. *Cell chemical biology*, 32(6), 809.

Li D, et al. (2025) SOSTDC1 downregulation in CD4+ T cells confers protection against obesity-induced insulin resistance. *Cell reports*, 44(4), 115496.

Lecointre M, et al. (2025) HPV16-Expressing Tumors Release Multiple IL1 Ligands to Orchestrate Systemic Immunosuppression Whose Disruption Enables Efficacy of a Therapeutic Vaccine. *Cancer discovery*, 15(7), 1458.

Petry P, et al. (2025) Early microglia progenitors colonize the embryonic CNS via integrin-mediated migration from the pial surface. *Developmental cell*.

Xiao Z, et al. (2025) Engineered T cells stimulate dendritic cell recruitment and antigen spreading for potent anti-tumor immunity. *Cell reports. Medicine*, 6(9), 102307.

Zhang Z, et al. (2025) Cardiolipin-mimic lipid nanoparticles without antibody modification delivered senolytic in vivo CAR-T therapy for inflamm-aging. *Cell reports. Medicine*, 6(7), 102209.

Atakkatan A, et al. (2025) Complement-producing adventitial fibroblasts form an IL-33 alarmin hub that maintains ILC2s during airway allergy. *Cell reports*, 44(12), 116641.

Chaudhry H, et al. (2025) Phosphatidylinositol-4,5-bisphosphate 3-kinase (PI3K) inhibitors reduce vascular inflammation in vitro and in vivo. *British journal of pharmacology*.

Shimba A, et al. (2025) Stress-induced glucocorticoids enhance acute inflammation by promoting the differentiation of Th17 cells. *Cell reports*, 44(8), 116093.

Zhang P, et al. (2025) Systematic evaluation of GAPs and GEFs identifies a targetable dependency for hematopoietic malignancies. *Cancer discovery*.

Zhang T, et al. (2025) Humanized mouse model reveals T cell ANXA2 as a potential therapeutic target in ischemic stroke. *iScience*, 28(5), 112302.

Pitiot A, et al. (2025) Directed-complement killing of *Pseudomonas aeruginosa* protects against lethal pneumonia. *EBioMedicine*, 120, 105926.

Taguchi A, et al. (2025) Single-cell activation screen identifies hepatic maturation regulators with zonal resolution. *Developmental cell*.

Luan Y, et al. (2025) IgG2c subclass dominance drives fatal lupus-like nephritis via Fc γ R and complement activation. *Cell reports*, 45(1), 116775.

Li X, et al. (2025) The direct and indirect inhibition of proinflammatory adipose tissue macrophages by acarbose in diet-induced obesity. *Cell reports. Medicine*, 6(1), 101883.