

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.org) on Apr 4, 2025

PE/Cyanine7 anti-mouse CD45

RRID:AB_312979

Type: Antibody

Proper Citation

(BioLegend Cat# 103114, RRID:AB_312979)

Antibody Information

URL: http://antibodyregistry.org/AB_312979

Proper Citation: (BioLegend Cat# 103114, RRID:AB_312979)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_312979

Vendor: BioLegend

Catalog Number: 103114

Alternative Catalog Numbers: 103113

Record Creation Time: 20231110T041903+0000

Record Last Update: 20241115T080336+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 91 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Feng S, et al. (2024) Blockage of L2HGDH-mediated S-2HG catabolism orchestrates macrophage polarization to elicit antitumor immunity. *Cell reports*, 43(6), 114300.

Fox A, et al. (2024) Adipose microenvironment promotes hypersialylation of ovarian cancer cells. *bioRxiv : the preprint server for biology*.

Donovan LJ, et al. (2024) Repopulated spinal cord microglia exhibit a unique transcriptome and contribute to pain resolution. *Cell reports*, 43(2), 113683.

Nagai M, et al. (2024) Sugar and arginine facilitate oral tolerance by ensuring the functionality of tolerogenic immune cell subsets in the intestine. *Cell reports*, 43(7), 114490.

Gao T, et al. (2024) Sonogenetics-controlled synthetic designer cells for cancer therapy in tumor mouse models. *Cell reports. Medicine*, 5(5), 101513.

Witt LT, et al. (2024) *Streptococcus agalactiae* and *Escherichia coli* induce distinct effector ?? T cell responses during neonatal sepsis. *iScience*, 27(5), 109669.

Van Roy Z, et al. (2024) Tumor necrosis factor regulates leukocyte recruitment but not bacterial persistence during *Staphylococcus aureus* craniotomy infection. *Journal of neuroinflammation*, 21(1), 179.

Ma R, et al. (2024) Vimentin modulates regulatory T cell receptor-ligand interactions at distal pole complex, leading to dysregulated host response to viral pneumonia. *Cell reports*, 43(12), 115056.

Granton E, et al. (2024) Biofilm exopolysaccharides alter sensory-neuron-mediated sickness during lung infection. *Cell*.

Yadav MK, et al. (2024) MAFB in macrophages regulates cold-induced neuronal density in brown adipose tissue. *Cell reports*, 43(4), 113978.

Bolini L, et al. (2024) Long-term recruitment of peripheral immune cells to brain scars after a neonatal insult. *Glia*, 72(3), 546.

Fox A, et al. (2024) Adipose microenvironment promotes hypersialylation of ovarian cancer cells. *Frontiers in oncology*, 14, 1432333.

Munro DAD, et al. (2024) Microglia protect against age-associated brain pathologies. *Neuron*, 112(16), 2732.

Liu T, et al. (2024) An axon-T cell feedback loop enhances inflammation and axon degeneration. *Cell reports*, 43(2), 113721.

Akhter MZ, et al. (2024) FAK regulates tension transmission to the nucleus and endothelial transcriptome independent of kinase activity. *Cell reports*, 43(6), 114297.

Zhang T, et al. (2024) Identification of ZIP8-induced ferroptosis as a major type of cell death in monocytes under sepsis conditions. *Redox biology*, 69, 102985.

Nguele Meke F, et al. (2024) Inhibition of PRL2 Upregulates PTEN and Attenuates Tumor Growth in Tp53-deficient Sarcoma and Lymphoma Mouse Models. *Cancer research communications*, 4(1), 5.

Oliveira TY, et al. (2024) Quantitative trait loci mapping provides insights into the genetic regulation of dendritic cell numbers in mouse tissues. *Cell reports*, 43(6), 114296.

Xie N, et al. (2024) In vivo PSC differentiation as a platform to identify factors for improving the engraftability of cultured muscle stem cells. *Frontiers in cell and developmental biology*, 12, 1362671.

Wang L, et al. (2024) Targeting the HSP47-collagen axis inhibits brain metastasis by reversing M2 microglial polarization and restoring anti-tumor immunity. *Cell reports. Medicine*, 5(5), 101533.