

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

F4/80 Antibody (C-7)

RRID:AB_2927461

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-377009, RRID:AB_2927461

Antibody Information

URL: http://antibodyregistry.org/AB_2927461

Proper Citation: Santa Cruz Biotechnology Cat# sc-377009, RRID:AB_2927461

Target Antigen: F4/80

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, IP, IF, IHC(P) and ELISA

Antibody Name: F4/80 Antibody (C-7)

Description: This monoclonal targets F4/80

Target Organism: humanmouserat

Clone ID: C-7

Antibody ID: AB_2927461

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-377009

Record Creation Time: 20250819T224536+0000

Record Last Update: 20250820T031312+0000

Ratings and Alerts

No rating or validation information has been found for F4/80 Antibody (C-7).

No alerts have been found for F4/80 Antibody (C-7).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Guo Y, et al. (2026) Macrophage glycine transporter supports IL-1 β production by modulating the AKT1/mTOR/NLRP3 pathway. *Cell reports*, 45(1), 116683.

Chen J, et al. (2025) CCL7 promotes macrophage polarization and synovitis to exacerbate rheumatoid arthritis. *iScience*, 28(4), 112177.

Qiu J, et al. (2025) Inhibition of RAC1 activator DOCK2 ameliorates cholestatic liver injury via regulating macrophage polarisation and hepatic stellate cell activation. *Biology direct*, 20(1), 21.

Hua S, et al. (2025) Genetic disruption of the circadian gene Bmal1 in the intestinal epithelium reduces colonic inflammation. *EMBO reports*, 26(12), 3138.

Emanuelli A, et al. (2025) Targeting the IL34-CSF1R axis improves metastatic renal cell carcinoma therapy outcome via immune-vascular crosstalk regulation. *iScience*, 28(6), 112752.

Wang D, et al. (2024) Gut microbial alterations in arginine metabolism determine bone mechanical adaptation. *Cell metabolism*, 36(6), 1252.

Wang C, et al. (2024) Serine synthesis sustains macrophage IL-1 β production via NAD $^{+}$ -dependent protein acetylation. *Molecular cell*, 84(4), 744.

Luo JH, et al. (2024) PDIA3 defines a novel subset of adipose macrophages to exacerbate the development of obesity and metabolic disorders. *Cell metabolism*, 36(10), 2262.

Zou C, et al. (2024) β -chitosan attenuates hepatic macrophage-driven inflammation and reverses aging-related cognitive impairment. *iScience*, 27(9), 110766.

Zhang H, et al. (2024) TRIM24 Up-Regulates ORM2 to Alleviate Abnormal Lipid Metabolism, Inflammation, and Oxidative Stress in Mice with Obstructive Sleep Apnea Syndrome and Metabolic Dysfunction-Associated Steatotic Liver Disease. *The American journal of pathology*, 194(11), 2091.

Shen Z, et al. (2023) Expansion of macrophage and liver sinusoidal endothelial cell subpopulations during non-alcoholic steatohepatitis progression. *iScience*, 26(5), 106572.