Resource Summary Report

Generated by RRID on Aug 8, 2026

F4/80 antibody [CI:A3-1]

RRID:AB_1140040
Type: Antibody

Proper Citation

Abcam Cat# ab6640, RRID:AB_1140040

Antibody Information

URL: http://antibodyregistry.org/AB_1140040

Proper Citation: Abcam Cat# ab6640, RRID:AB_1140040

Target Antigen: F4/80 antibody [CI:A3-1]

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Immunoprecipitation; Immunofluorescence; Immunohistochemistry; Flow Cytometry; Western Blot; Immunocytochemistry; Immunohistochemistry - fixed; Flow Cyt, ICC/IF, IHC-FoFr, IHC-Fr, IHC-P, IHC-R, IP, RIA, WB; Immunohistochemistry - frozen; Radioimmunoassay
Info: Used by Czech Centre for Phenogenomics
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: F4/80 antibody [CI:A3-1]

Description: This monoclonal targets F4/80 antibody [CI:A3-1]

Target Organism: mouse, human

Antibody ID: AB_1140040

Vendor: Abcam

Catalog Number: ab6640

Record Creation Time: 20250819T235741+0000

Record Last Update: 20250820T065652+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics https://www.phenogenomics.cz/

No alerts have been found for F4/80 antibody [CI:A3-1].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 166 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Kuai Y, et al. (2026) Targeted PGC-1? gene delivery by GV-assisted ultrasound cavitation for renal ischemia-reperfusion injury therapy. iScience, 29(1), 114374.

Niravath P, et al. (2026) A Phase II Study of Docetaxel and Pembrolizumab plus Interleukin 12 Gene Therapy in Nonmetastatic, Anthracycline-Refractory Triple-Negative Breast Cancer (INTEGRAL). Clinical cancer research : an official journal of the American Association for Cancer Research, 32(9), 1697.

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

Zhang Y, et al. (2026) A sequential dual-drug delivery system for multi-target inhibition of subretinal fibrosis. Journal of nanobiotechnology, 24(1).

Peng H, et al. (2026) Fucosyltransferase 8-mediated core fucosylation of krüppel-like factor 6 exacerbates myocardial ischaemia/reperfusion injury via promoting macrophage M1 polarization. British journal of pharmacology, 183(17), 5284.

Lynch RW, et al. (2026) IL-4 treatment induces apoptosis of blood monocytes and proliferation of recruited injury-associated macrophages to resolve liver injury. Cell reports, 45(4), 117136.

Liang Z, et al. (2026) Tumor cells metabolically resist immune-checkpoint therapy by macrophage efferocytosis-mediated fatty acid recycling. Cancer cell, 44(6), 1235.

Leduc-Pessah H, et al. (2026) Runx1 transcription factor modulates opioid analgesia and withdrawal in humans and rodents. Neuron, 114(5), 903.

Wang H, et al. (2026) Targeting the macrophage mechanosensing regulator CKAP4 accelerates the inflammatory-to-proliferative transition in wound healing. Cell reports, 45(6), 117395.

Xu Y, et al. (2026) IRE1? regulates macrophage phagocytosis in immune thrombocytopenia through NR1D1 mRNA decay and lysosomal biogenesis. Cell reports, 45(3), 117083.

Assad N, et al. (2026) Crosstalk between circulating DPP3 and immune cells in the context of cardio-systemic stress. iScience, 29(3), 115114.

Feng Q, et al. (2025) Macrophage extracellular traps as key mediators of scleral remodeling in myopia induced by hypoxia and activated platelets. Cell reports, 44(6), 115771.

Jiang Y, et al. (2025) Phosphatase PHLPP1 is an alveolar-macrophage-intrinsic transcriptional checkpoint controlling pulmonary fibrosis. Cell reports, 44(3), 115399.

Wang CA, et al. (2025) Intercellular TIMP-1-CD63 signaling directs the evolution of immune escape and metastasis in KRAS-mutated pancreatic cancer cells. Molecular cancer, 24(1), 25.

Kaylan KB, et al. (2025) 12-Lipoxygenase Inhibition Improves Glycemia and Obesity-associated Inflammation in Male Human Gene Replacement Mice. Endocrinology, 166(6).

Salomó Coll C, et al. (2025) ER-phagy and proteostasis defects prime pancreatic epithelial state changes in KRAS-mediated oncogenesis. Developmental cell.

Dumesic PA, et al. (2025) RBM43 controls PGC1? translation and a PGC1?-STING signaling axis. Cell metabolism, 37(3), 742.

Amuso VM, et al. (2025) Fibroblast-Mediated Macrophage Recruitment Supports Acute Wound Healing. The Journal of investigative dermatology, 145(7), 1781.

Yuan Y, et al. (2025) Targeting insulin-like growth factor 1 receptor restricts development and severity of secondary lymphedema in mice. iScience, 28(3), 111948.

Hansen D, et al. (2025) Hepatic stellate cells regulate liver fatty acid utilization via plasmalemma vesicle-associated protein. Cell metabolism, 37(4), 971.