

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

F4/80 antibody [Cl: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 [Cl: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 [Cl:A3-1]

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 157 mentions in open access literature.

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

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

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

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

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.

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

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.

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

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

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

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

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.

Wang G, et al. (2025) Distinct adipose progenitor cells emerging with age drive active adipogenesis. *Science (New York, N.Y.)*, 388(6745), eadj0430.

Katoh D, et al. (2025) Negative regulation of lymphangiogenesis by Tenascin-C delays the resolution of inflammation. *iScience*, 28(2), 111756.

Bresesti C, et al. (2025) Reprogramming liver metastasis-associated macrophages toward an anti-tumoral phenotype through enforced miR-342 expression. *Cell reports*, 44(5), 115592.

Qin T, et al. (2025) Treg-microglia partnership in the injured spinal cord preserves Treg cell function and regulates microglial cholesterol metabolism. *Neuron*.

Zhang YF, et al. (2025) A Novel TLR4 Inhibitor DB03476 Rescued Renal Inflammation in Acute Kidney Injury Model. *International journal of molecular sciences*, 27(1).

Hsu L, et al. (2025) Secreted frizzled-related protein 2 monoclonal antibody-mediated IFN- γ reprograms tumor-associated macrophages to suppress triple negative breast cancer. *Breast cancer research : BCR*, 27(1), 209.

Cooper PO, et al. (2024) G-protein-coupled receptor 84 regulates acute inflammation in normal and diabetic skin wounds. *Cell reports*, 43(6), 114288.

Luo Z, et al. (2024) Voluntary exercise sensitizes cancer immunotherapy via the collagen inhibition-orchestrated inflammatory tumor immune microenvironment. *Cell reports*, 43(9), 114697.

Ma S, et al. (2024) Spatial transcriptomic landscape unveils immunoglobulin-associated senescence as a hallmark of aging. *Cell*, 187(24), 7025.