

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 6, 2024

## 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](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:** human, mouse

**Antibody ID:** AB\_1140040

**Vendor:** Abcam

**Catalog Number:** ab6640

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## 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].

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 121 mentions in open access literature.

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

Ma H, et al. (2024) Disparate macrophage responses are linked to infection outcome of Hantan virus in humans or rodents. *Nature communications*, 15(1), 438.

Tomita-Yagi A, et al. (2024) The importance of proinflammatory failed-repair tubular epithelia as a predictor of diabetic kidney disease progression. *iScience*, 27(2), 109020.

Dinh DD, et al. (2024) Female mice display sex-specific differences in cerebrovascular function and subarachnoid haemorrhage-induced injury. *EBioMedicine*, 102, 105058.

Gaballa A, et al. (2024) PAF1c links S-phase progression to immune evasion and MYC function in pancreatic carcinoma. *Nature communications*, 15(1), 1446.

Tian H, et al. (2024) Multimodal mass spectrometry imaging identifies cell-type-specific metabolic and lipidomic variation in the mammalian liver. *Developmental cell*.

Tamura Y, et al. (2024) Histological and biochemical changes in lymphatic vessels after skeletal muscle injury induced by lengthening contraction in male mice. *Physiological reports*, 12(3), e15950.

Miyazaki A, et al. (2023) Icing after skeletal muscle injury decreases M1 macrophage accumulation and TNF- $\alpha$  expression during the early phase of muscle regeneration in rats. *Histochemistry and cell biology*, 159(1), 77.

Chen L, et al. (2023) Synergy of 5-aminolevulinate supplement and CX3CR1 suppression promotes liver regeneration via elevated IGF-1 signaling. *Cell reports*, 42(8), 112984.

Liu K, et al. (2023) Intercellular genetic tracing of cardiac endothelium in the developing heart. *Developmental cell*, 58(16), 1502.

Liu H, et al. (2023) Galectin-3 as TREM2 upstream factor contributes to lung ischemia-

reperfusion injury by regulating macrophage polarization. *iScience*, 26(9), 107496.

Hee SW, et al. (2023) 15-keto-PGE2 alleviates nonalcoholic steatohepatitis through its covalent modification of NF- $\kappa$ B factors. *iScience*, 26(10), 107997.

Zhang F, et al. (2023) IL-17C neutralization protects the kidney against acute injury and chronic injury. *EBioMedicine*, 92, 104607.

Yao S, et al. (2023) Targeting endometrial inflammation in intrauterine adhesion ameliorates endometrial fibrosis by priming MSCs to secrete C1INH. *iScience*, 26(7), 107201.

Kim SM, et al. (2023) Secreted *Akkermansia muciniphila* threonyl-tRNA synthetase functions to monitor and modulate immune homeostasis. *Cell host & microbe*, 31(6), 1021.

Liu X, et al. (2023) Reduced intestinal lipid absorption improves glucose metabolism in aged G2-Terc knockout mice. *BMC biology*, 21(1), 150.

Song Z, et al. (2023) Targeting of Annexin A1 in Tumor-associated Macrophages as a therapeutic strategy for hepatocellular carcinoma. *Biochemical pharmacology*, 213, 115612.

Jiang J, et al. (2023) Platelet ITGA2B inhibits caspase-8 and Rip3/Mkl1-dependent platelet death through PTPN6 during sepsis. *iScience*, 26(8), 107414.

Qian Y, et al. (2023) MCT4-dependent lactate secretion suppresses antitumor immunity in LKB1-deficient lung adenocarcinoma. *Cancer cell*, 41(7), 1363.

Hua F, et al. (2023) Substance P promotes epidural fibrosis via induction of type 2 macrophages. *Neural regeneration research*, 18(10), 2252.

Li Y, et al. (2023) A Wnt-induced lncRNA-DGCR5 splicing switch drives tumor-promoting inflammation in esophageal squamous cell carcinoma. *Cell reports*, 42(6), 112542.