

Resource Summary Report

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

RAT ANTI MOUSE F4/80

RRID:AB_1102558

Type: Antibody

Proper Citation

Bio-Rad Cat# MCA497RT, RRID:AB_1102558

Antibody Information

URL: http://antibodyregistry.org/AB_1102558

Proper Citation: Bio-Rad Cat# MCA497RT, RRID:AB_1102558

Target Antigen: F4/80

Host Organism: Rat

Clonality: monoclonal

Comments: Applications: Flow Cytometry, Immuno-electron Microscopy, Immunofluorescence, Immunohistology - Frozen, Immunohistology - Paraffin, Immunohistology - Resin, Immunoprecipitation, Radioimmunoassays, Western Blotting

Antibody Name: RAT ANTI MOUSE F4/80

Description: This monoclonal targets F4/80

Target Organism: mouse

Clone ID: Clone Cl:A3-1

Antibody ID: AB_1102558

Vendor: Bio-Rad

Catalog Number: MCA497RT

Record Creation Time: 20250820T020019+0000

Record Last Update: 20250820T122625+0000

Ratings and Alerts

- Rated by ISCC, Intestinal Stem Cell Consortium - ISCC
<https://isccconsortium.org/resourcecatalog/>

No alerts have been found for RAT ANTI MOUSE F4/80.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Anbarci DN, et al. (2025) Rediscovering the rete ovarii, a secreting auxiliary structure to the ovary. eLife, 13.

Iwamoto Y, et al. (2025) Lactoferrin attenuates renal fibrosis and uremic sarcopenia in a mouse model of adenine-induced chronic kidney disease. The Journal of nutritional biochemistry, 146, 110039.

Rojas-Chaverra NM, et al. (2024) A cyclic peptide-grafted Fc with hepatocyte growth factor functionality ameliorates hepatic fibrosis in a non-alcoholic steatohepatitis mouse model. iScience, 27(8), 110426.

Anbarci DN, et al. (2023) Rediscovering the Rete Ovarii: a secreting auxiliary structure to the ovary. bioRxiv : the preprint server for biology.

Makino Y, et al. (2023) STAT3 is Activated by CTGF-mediated Tumor-stroma Cross Talk to Promote HCC Progression. Cellular and molecular gastroenterology and hepatology, 15(1), 99.

Múnera JO, et al. (2023) Development of functional resident macrophages in human pluripotent stem cell-derived colonic organoids and human fetal colon. Cell stem cell, 30(11), 1434.

Ballesteros-Martínez C, et al. (2022) Microsomal prostaglandin E synthase-1 is involved in the metabolic and cardiovascular alterations associated with obesity. British journal of pharmacology, 179(11), 2733.

Meng F, et al. (2021) Induced phase separation of mutant NF2 imprisons the cGAS-STING machinery to abrogate antitumor immunity. Molecular cell, 81(20), 4147.

Eblimit A, et al. (2021) Co-Injection of Sulfotyrosine Facilitates Retinal Uptake of Hyaluronic Acid Nanospheres Following Intravitreal Injection. Pharmaceutics, 13(9).

Walens A, et al. (2019) CCL5 promotes breast cancer recurrence through macrophage recruitment in residual tumors. eLife, 8.

Petkevicius K, et al. (2019) Accelerated phosphatidylcholine turnover in macrophages promotes adipose tissue inflammation in obesity. *eLife*, 8.

Guha P, et al. (2019) IPMK Mediates Activation of ULK Signaling and Transcriptional Regulation of Autophagy Linked to Liver Inflammation and Regeneration. *Cell reports*, 26(10), 2692.

Chen ST, et al. (2019) NLRP12 Regulates Anti-viral RIG-I Activation via Interaction with TRIM25. *Cell host & microbe*, 25(4), 602.

Di Liberto G, et al. (2018) Neurons under T Cell Attack Coordinate Phagocyte-Mediated Synaptic Stripping. *Cell*, 175(2), 458.