

Resource Summary Report

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RAT ANTI MOUSE CD68

RRID:AB_2074849

Type: Antibody

Proper Citation

Bio-Rad Cat# MCA1957T, RRID:AB_2074849

Antibody Information

URL: http://antibodyregistry.org/AB_2074849

Proper Citation: Bio-Rad Cat# MCA1957T, RRID:AB_2074849

Target Antigen: CD68

Host Organism: Rat

Clonality: monoclonal

Comments: Applications: Western Blotting, Immunohistology - Paraffin, Immunoprecipitation, Flow Cytometry, Immunohistology - Frozen, Immunofluorescence

Antibody Name: RAT ANTI MOUSE CD68

Description: This monoclonal targets CD68

Target Organism: mouse

Clone ID: Clone FA-11

Antibody ID: AB_2074849

Vendor: Bio-Rad

Catalog Number: MCA1957T

Record Creation Time: 20250820T041916+0000

Record Last Update: 20250820T183907+0000

Ratings and Alerts

No rating or validation information has been found for RAT ANTI MOUSE CD68.

No alerts have been found for RAT ANTI MOUSE CD68.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Zengeler KE, et al. (2025) Inflammasome signaling in astrocytes modulates hippocampal plasticity. *Immunity*, 58(6), 1519.

Shen T, et al. (2025) GADD45G operates as a pathological sensor orchestrating reactive gliosis and neurodegeneration. *Neuron*, 113(13), 2176.

Jalil A, et al. (2025) Plasmalogen remodeling modulates macrophage response to cytotoxic oxysterols and atherosclerotic plaque vulnerability. *Cell reports. Medicine*, 6(5), 102131.

Dominguez SL, et al. (2023) TMEM106B reduction does not rescue GRN deficiency in iPSC-derived human microglia and mouse models. *iScience*, 26(11), 108362.

Sanchez-Aguilera A, et al. (2023) Machine learning identifies experimental brain metastasis subtypes based on their influence on neural circuits. *Cancer cell*, 41(9), 1637.

Socodato R, et al. (2023) Microglial Rac1 is essential for experience-dependent brain plasticity and cognitive performance. *Cell reports*, 42(12), 113447.

Gao H, et al. (2023) Distinct myeloid population phenotypes dependent on TREM2 expression levels shape the pathology of traumatic versus demyelinating CNS disorders. *Cell reports*, 42(6), 112629.

Qiao S, et al. (2022) Gut Parabacteroides merdae protects against cardiovascular damage by enhancing branched-chain amino acid catabolism. *Nature metabolism*, 4(10), 1271.

Maleitzke T, et al. (2022) The calcitonin receptor protects against bone loss and excessive inflammation in collagen antibody-induced arthritis. *iScience*, 25(1), 103689.

Rosin JM, et al. (2021) Embryonic Microglia Interact with Hypothalamic Radial Glia during Development and Upregulate the TAM Receptors MERTK and AXL following an Insult. *Cell reports*, 34(1), 108587.

Rosin JM, et al. (2021) A subpopulation of embryonic microglia respond to maternal stress and influence nearby neural progenitors. *Developmental cell*, 56(9), 1326.

Logan T, et al. (2021) Rescue of a lysosomal storage disorder caused by Grn loss of function with a brain penetrant progranulin biologic. *Cell*, 184(18), 4651.

Du H, et al. (2020) The Cation Channel TMEM63B Is an Osmosensor Required for Hearing. *Cell reports*, 31(5), 107596.

Nguyen PT, et al. (2020) Microglial Remodeling of the Extracellular Matrix Promotes Synapse Plasticity. *Cell*, 182(2), 388.

Mukherjee C, et al. (2020) Oligodendrocytes Provide Antioxidant Defense Function for Neurons by Secreting Ferritin Heavy Chain. *Cell metabolism*, 32(2), 259.

Baik SH, et al. (2019) A Breakdown in Metabolic Reprogramming Causes Microglia Dysfunction in Alzheimer's Disease. *Cell metabolism*, 30(3), 493.

Filipello F, et al. (2018) The Microglial Innate Immune Receptor TREM2 Is Required for Synapse Elimination and Normal Brain Connectivity. *Immunity*, 48(5), 979.

Mathur V, et al. (2017) Activation of the STING-Dependent Type I Interferon Response Reduces Microglial Reactivity and Neuroinflammation. *Neuron*, 96(6), 1290.