

Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

MOUSE ANTI RAT CD68

RRID:AB_566872

Type: Antibody

Proper Citation

Bio-Rad Cat# MCA341GA, RRID:AB_566872

Antibody Information

URL: http://antibodyregistry.org/AB_566872

Proper Citation: Bio-Rad Cat# MCA341GA, RRID:AB_566872

Target Antigen: CD68

Host Organism: Mouse

Clonality: monoclonal

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

Antibody Name: MOUSE ANTI RAT CD68

Description: This monoclonal targets CD68

Target Organism: rat

Clone ID: Clone ED1

Antibody ID: AB_566872

Vendor: Bio-Rad

Catalog Number: MCA341GA

Record Creation Time: 20231110T080602+0000

Record Last Update: 20260829T221406+0000

Ratings and Alerts

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

No alerts have been found for MOUSE ANTI RAT CD68.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Columbro SF, et al. (2026) Beneficial effects of synthetic torpor in a fast-progressing mouse model of amyotrophic lateral sclerosis. *Experimental neurology*, 396, 115521.

Tamari A, et al. (2026) Immediate icing disrupts the very early MCP-1/CCR2 recruitment window and delays muscle regeneration in rats. *American journal of physiology. Cell physiology*, 331(1), C222.

Huang Y, et al. (2026) A positive feedback loop between FGR and p65 sustains satellite glial cell activation and chronic neuropathic pain. *Cell reports*, 45(2), 116899.

Tribble JR, et al. (2025) Dysfunctional one-carbon metabolism identifies vitamins B6, B9, B12, and choline as neuroprotective in glaucoma. *Cell reports. Medicine*, 6(5), 102127.

Smith TA, et al. (2025) Polyethylene glycol has immunoprotective effects on sciatic allografts, but behavioral recovery and graft tolerance require neurorrhaphy and axonal fusion. *Neural regeneration research*, 20(4), 1192.

Freites CL, et al. (2025) Rhythmic patterns in microglial cells within the circadian pineal gland from male rats. *Anatomical record (Hoboken, N.J. : 2007)*.

Wang M, et al. (2024) Casein kinase-2 inhibition promotes retinal ganglion cell survival after acute intraocular pressure elevation. *Neural regeneration research*, 19(5), 1112.

Kawashima M, et al. (2024) Frequent Icing Stimulates Skeletal Muscle Regeneration Following Injury With Necrosis in a Small Fraction of Myofibers in Rats. *The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society*, 72(8-9), 569.

Yousefpour N, et al. (2023) Time-dependent and selective microglia-mediated removal of spinal synapses in neuropathic pain. *Cell reports*, 42(1), 112010.

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

Nagata I, et al. (2023) Icing after skeletal muscle injury with necrosis in a small fraction of myofibers limits inducible nitric oxide synthase-expressing macrophage invasion and facilitates muscle regeneration. *American journal of physiology. Regulatory, integrative and comparative physiology*, 324(4), R574.

Matus CE, et al. (2022) The family of kallikrein-related peptidases and kinin peptides as modulators of epidermal homeostasis. *American journal of physiology. Cell physiology*, 323(4), C1070.

Smith TA, et al. (2020) Polyethylene glycol-fusion repair of sciatic allografts in female rats achieves immunotolerance via attenuated innate and adaptive responses. *Journal of neuroscience research*, 98(12), 2468.

Goulão M, et al. (2019) Astrocyte progenitor transplantation promotes regeneration of bulbospinal respiratory axons, recovery of diaphragm function, and a reduced macrophage response following cervical spinal cord injury. *Glia*, 67(3), 452.

Wang SN, et al. (2019) Expression and localization of absent in melanoma 2 in the injured spinal cord. *Neural regeneration research*, 14(3), 542.

Wang Y, et al. (2018) Expression and Cellular Localization of IFITM1 in Normal and Injured Rat Spinal Cords. *The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society*, 66(3), 175.

Lin YH, et al. (2018) Spatio-temporal expression of Hexokinase-3 in the injured female rat spinal cords. *Neurochemistry international*, 113, 23.

Ibañez Rodríguez MP, et al. (2018) Differential response of pineal microglia to surgical versus pharmacological stimuli. *The Journal of comparative neurology*, 526(15), 2462.

Wu Y, et al. (2018) Increased ceruloplasmin expression caused by infiltrated leukocytes, activated microglia, and astrocytes in injured female rat spinal cords. *Journal of neuroscience research*, 96(7), 1265.

Bucks SA, et al. (2017) Supporting cells remove and replace sensory receptor hair cells in a balance organ of adult mice. *eLife*, 6.