

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: 20231110T044041+0000

Record Last Update: 20260901T032734+0000

Ratings and Alerts

No rating or validation information has 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.