

# Resource Summary Report

Generated by [dkNET](#) on Sep 13, 2026

## RAT ANTI MOUSE CD68

RRID:AB\_322219

Type: Antibody

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### Proper Citation

Bio-Rad Cat# MCA1957, RRID:AB\_322219

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_322219](http://antibodyregistry.org/AB_322219)

**Proper Citation:** Bio-Rad Cat# MCA1957, RRID:AB\_322219

**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

**Defining Citation:** [PMID:18461607](#), [PMID:18022954](#), [PMID:19363795](#)

**Antibody ID:** AB\_322219

**Vendor:** Bio-Rad

**Catalog Number:** MCA1957

**Record Creation Time:** 20231110T081413+0000

**Record Last Update:** 20260829T064259+0000

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### 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.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 188 mentions in open access literature.

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

Zeng F, et al. (2026) Microglia overexpressing brain-derived neurotrophic factor promote vascular repair and functional recovery in mice after spinal cord injury. *Neural regeneration research*, 21(1), 365.

Mansour KY, et al. (2026) Spared cognitive and social function following perinatal ablation of ATRX despite transient microglia dysregulation. *Scientific reports*, 16(1).

Duffy A, et al. (2026) Sex differences in somatosensory circuitry are programmed by developmental microglia-astrocyte interaction. *Cell reports*, 45(8), 117709.

Pilat DJ, et al. (2026) The gain-of-function TREM2-T96K mutation increases risk for Alzheimer's disease by impairing microglial function. *Neuron*, 114(1), 46.

Tabor GT, et al. (2026) Inducible deletion of DGAT1 and 2 from microglia exacerbates neurodegeneration and endolysosomal lipid accumulation in male PS19 mice. *Cell reports*, 45(1), 116841.

Laporte C, et al. (2026) Protocol for visualizing microglial lysosomal content by immunohistochemistry in the rodent brain. *STAR protocols*, 7(2), 104438.

Cook AK, et al. (2026) Human TDP-43 expression worsens FTD-related phenotypes in progranulin-insufficient mice. *Neurobiology of disease*, 227, 107475.

Ishida-Takaku T, et al. (2026) Alzheimer's disease-related mutations in APP influence colorectal tumor formation in a sex-dependent manner. *iScience*, 29(7), 116645.

Wang Y, et al. (2026) Complement C3aR deletion does not attenuate degeneration in a tauopathy model or alter acute inflammation-induced gene expression changes. *Cell reports*, 45(5), 117313.

Swami D, et al. (2026) Spatial Transcriptomics reveals a T cell-mediated microglial activation axis of neurodegeneration following immune checkpoint inhibition. *bioRxiv* : the preprint server for biology.

Etxeberria A, et al. (2026) Microglia-mediated protection against Alzheimer's disease pathology and detrimental effects in white matter revealed by Ptpn6 deletion. *Neuron*,

114(13), 2367.

Sefiani A, et al. (2026) Novel Neurotrophin-3 peptidomimetic synthetic neurotrophin promotes neurological recovery after spinal cord injury. *Experimental neurology*, 401, 115746.

Shea JM, et al. (2025) Microglia aging in the hippocampus advances through intermediate states that drive activation and cognitive decline. *eLife*, 13.

Valdearcos M, et al. (2025) Microglia mediate the early-life programming of adult glucose control. *Cell reports*, 44(3), 115409.

Zhou Y, et al. (2025) Soluble CSF1R alleviates microgliopathy in a CSF1R-related leukoencephalopathy (CRL) mouse model. *Journal of neuroinflammation*, 23(1), 12.

Martens N, et al. (2025) Role for the liver X receptor agonist 22-ketositosterol in preventing disease progression in an Alzheimer's disease mouse model. *British journal of pharmacology*, 182(16), 3744.

Zhang L, et al. (2025) Interleukin-1/Toll-like receptor signaling potentiates macrophage olfactory receptor 2-driven atherosclerosis. *Cell reports*, 44(12), 116639.

Lu Z, et al. (2025) Cardiac mural cells are rate-limiting for coronary vascularization after heart injury. *iScience*, 28(10), 113536.

Pizzo ME, et al. (2025) Transferrin receptor-targeted anti-amyloid antibody enhances brain delivery and mitigates ARIA. *Science (New York, N.Y.)*, 389(6760), eads3204.

La Barbera L, et al. (2025) Midbrain degeneration triggers astrocyte reactivity and tau pathology in experimental Alzheimer's Disease. *Molecular neurodegeneration*, 20(1), 105.