

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

Anti-TMEM119 antibody [28-3] - Microglial marker

RRID:AB_2800343

Type: Antibody

Proper Citation

Abcam Cat# ab209064, RRID:AB_2800343

Antibody Information

URL: http://antibodyregistry.org/AB_2800343

Proper Citation: Abcam Cat# ab209064, RRID:AB_2800343

Target Antigen: TMEM119

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: IHC-Fr, IHC-P

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Anti-TMEM119 antibody [28-3] - Microglial marker

Description: This monoclonal targets TMEM119

Target Organism: mouse

Clone ID: 28-3

Antibody ID: AB_2800343

Vendor: Abcam

Catalog Number: ab209064

Record Creation Time: 20250819T211053+0000

Record Last Update: 20250819T220708+0000

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Anti-TMEM119 antibody [28-3] - Microglial marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Mirzaei R, et al. (2026) Spatial single-cell profiling identifies protein kinase C γ -expressing microglia with anti-tumor function in glioblastoma. *iScience*, 29(1), 114281.

Liu J, et al. (2025) Microglial TMEM119 binds to amyloid- β to promote its clearance in an A β -depositing mouse model of Alzheimer's disease. *Immunity*, 58(7), 1830.

Liu M, et al. (2025) GPNMB and ATP6V1A interact to mediate microglia phagocytosis of multiple types of pathological particles. *Cell reports*, 44(3), 115343.

Araya P, et al. (2025) Interferon signaling modulates Down syndrome-associated Alzheimer's disease pathology in a mouse model. *iScience*, 28(8), 113130.

Zhong S, et al. (2025) Modular DNA barcoding of nanobodies enables multiplexed in situ protein imaging and high-throughput biomolecule detection. *eLife*, 14.

Rumberger AS, et al. (2025) Colony Stimulating Factor-1 (CSF-1) and Interleukin-34 (IL-34) Differentially Alter White Matter and Gray Matter Microglia and Oligodendrocyte Progenitor Cells. *Journal of neurochemistry*, 169(8), e70186.

McKinsey GL, et al. (2025) Radial glia integrin α VB8 regulates cell autonomous microglial TGF β 1 signaling that is necessary for microglial identity. *Nature communications*, 16(1), 2840.

Christ R, et al. (2025) Inhibition of tumour necrosis factor α by Etanercept attenuates Shiga toxin-induced brain pathology. *Journal of neuroinflammation*, 22(1), 33.

Zhou J, et al. (2025) C5aR1+ microglia exacerbate neuroinflammation and cerebral edema in acute brain injury. *Neuron*.

Xie M, et al. (2025) Rod-shaped microglia interact with neuronal dendrites to attenuate cortical excitability during TDP-43-related neurodegeneration. *Immunity*.

Kim JS, et al. (2025) Clonal hematopoiesis-associated motoric deficits caused by monocyte-derived microglia accumulating in aging mice. *Cell reports*, 44(5), 115609.

Gan S, et al. (2024) Distinct tumor architectures and microenvironments for the initiation of breast cancer metastasis in the brain. *Cancer cell*, 42(10), 1693.

Zhang D, et al. (2024) P-tau217 correlates with neurodegeneration in Alzheimer's disease, and targeting p-tau217 with immunotherapy ameliorates murine tauopathy. *Neuron*.

Di Martino E, et al. (2024) Inflammatory, metabolic, and sex-dependent gene-regulatory dynamics of microglia and macrophages in neonatal hippocampus after hypoxia-ischemia. *iScience*, 27(4), 109346.

Fujikawa R, et al. (2024) Inhibition of reactive oxygen species production accompanying alternatively activated microglia by risperidone in a mouse ketamine model of schizophrenia. *Journal of neurochemistry*, 168(9), 2690.

Lin Y, et al. (2024) Intrinsic link between PGRN and Gba1 D409V mutation dosage in potentiating Gaucher disease. *Human molecular genetics*, 33(20), 1771.

Kaiser S, et al. (2024) Neuroprotection via Carbon Monoxide Depends on the Circadian Regulation of CD36-Mediated Microglial Erythrophagocytosis in Hemorrhagic Stroke. *International journal of molecular sciences*, 25(3).

Liu PY, et al. (2023) Infiltrating myeloid cell-derived properdin markedly promotes microglia-mediated neuroinflammation after ischemic stroke. *Journal of neuroinflammation*, 20(1), 260.

Hu J, et al. (2023) Microglial Piezo1 senses A β fibril stiffness to restrict Alzheimer's disease. *Neuron*, 111(1), 15.

Baaklini CS, et al. (2023) Microglia promote remyelination independent of their role in clearing myelin debris. *Cell reports*, 42(12), 113574.