

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Iba1 antibody

RRID:AB_870576

Type: Antibody

Proper Citation

Abcam Cat# ab48004, RRID:AB_870576

Antibody Information

URL: http://antibodyregistry.org/AB_870576

Proper Citation: Abcam Cat# ab48004, RRID:AB_870576

Target Antigen: Iba1 antibody

Host Organism: goat

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry - frozen; ELISA; Immunohistochemistry; Immunohistochemistry - fixed; Western Blot; IHC-Fr, IHC-P, WB

Antibody Name: Iba1 antibody

Description: This polyclonal targets Iba1 antibody

Target Organism: rat, rabbit, human

Antibody ID: AB_870576

Vendor: Abcam

Catalog Number: ab48004

Record Creation Time: 20250819T232418+0000

Record Last Update: 20250820T051423+0000

Ratings and Alerts

No rating or validation information has been found for Iba1 antibody.

No alerts have been found for Iba1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Bastos J, et al. (2025) Monocytes can efficiently replace all brain macrophages and fetal liver monocytes can generate bona fide SALL1+ microglia. *Immunity*, 58(5), 1269.

Zhang G, et al. (2024) Spi1 regulates the microglial/macrophage inflammatory response via the PI3K/AKT/mTOR signaling pathway after intracerebral hemorrhage. *Neural regeneration research*, 19(1), 161.

Zhan J, et al. (2023) Loss of the Novel Myelin Protein CMTM5 in Multiple Sclerosis Lesions and Its Involvement in Oligodendroglial Stress Responses. *Cells*, 12(16).

Li ZY, et al. (2023) Chronic spinal cord compression associated with intervertebral disc degeneration in SPARC-null mice. *Neural regeneration research*, 18(3), 634.

Piehl N, et al. (2022) Cerebrospinal fluid immune dysregulation during healthy brain aging and cognitive impairment. *Cell*, 185(26), 5028.

Vankriekelsvenne E, et al. (2022) Transmembrane protein 119 is neither a specific nor a reliable marker for microglia. *Glia*, 70(6), 1170.

Zhang LM, et al. (2022) STING mediates neuroinflammatory response by activating NLRP3-related pyroptosis in severe traumatic brain injury. *Journal of neurochemistry*, 162(5), 444.

Fu J, et al. (2021) Spinal Nrf2 translocation may inhibit neuronal NF- κ B activation and alleviate allodynia in a rat model of bone cancer pain. *Journal of neurochemistry*, 158(5), 1110.

Kim HN, et al. (2021) The thrombin receptor modulates astroglia-neuron trophic coupling and neural repair after spinal cord injury. *Glia*, 69(9), 2111.

Zheng YF, et al. (2021) A novel tri-culture model for neuroinflammation. *Journal of neurochemistry*, 156(2), 249.

De I, et al. (2021) Microglial responses to CSF1 overexpression do not promote the expansion of other glial lineages. *Journal of neuroinflammation*, 18(1), 162.

Sarkar S, et al. (2020) Kv1.3 modulates neuroinflammation and neurodegeneration in Parkinson's disease. *The Journal of clinical investigation*, 130(8), 4195.

Xu X, et al. (2020) Arctigenin protects against depression by inhibiting microglial activation and neuroinflammation via HMGB1/TLR4/NF- κ B and TNF- α /TNFR1/NF- κ B pathways. British journal of pharmacology, 177(22), 5224.

Dingman AL, et al. (2019) Oligodendrocyte Progenitor Cell Proliferation and Fate after White Matter Stroke in Juvenile and Adult Mice. Developmental neuroscience, 1.

Litvinchuk A, et al. (2018) Complement C3aR Inactivation Attenuates Tau Pathology and Reverses an Immune Network Deregulated in Tauopathy Models and Alzheimer's Disease. Neuron, 100(6), 1337.