

Resource Summary Report

Generated by [NIF](#) on Jul 28, 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 [NIF](#) .

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.

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

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

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.