

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Iba1 antibody [1022-5] - Microglial marker

RRID:AB_2224403

Type: Antibody

Proper Citation

Abcam Cat# ab15690, RRID:AB_2224403

Antibody Information

URL: http://antibodyregistry.org/AB_2224403

Proper Citation: Abcam Cat# ab15690, RRID:AB_2224403

Target Antigen: AIF1

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:immunohistochemistry, immunocytochemistry

Antibody Name: Iba1 antibody [1022-5] - Microglial marker

Description: This monoclonal targets AIF1

Target Organism: human

Clone ID: 1022-5

Antibody ID: AB_2224403

Vendor: Abcam

Catalog Number: ab15690

Record Creation Time: 20231110T045652+0000

Record Last Update: 20260901T061046+0000

Ratings and Alerts

No rating or validation information has been found for Iba1 antibody [1022-5] - Microglial marker.

No alerts have been found for Iba1 antibody [1022-5] - Microglial marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Bao MY, et al. (2026) Oligodendrocyte-encoded lactate dehydrogenase A couples glycolysis to remyelination via protein lactylation. *Neuron*, 114(14), 2587.

Deng Y, et al. (2025) Nuclear receptor 4A1 facilitates complete Freund's adjuvant-induced inflammatory pain in rats by promoting ferroptosis in spinal glial cells. *Brain, behavior, and immunity*, 125, 92.

Majc B, et al. (2024) Patient-derived tumor organoids mimic treatment-induced DNA damage response in glioblastoma. *iScience*, 27(9), 110604.

Song Z, et al. (2023) Cyclo (MQCNS) has the potential to treat ischemic stroke. *Neural regeneration research*, 18(11), 2429.

Hong Y, et al. (2023) Microglia-containing cerebral organoids derived from induced pluripotent stem cells for the study of neurological diseases. *iScience*, 26(3), 106267.

Son Y, et al. (2023) Long-term radiofrequency electromagnetic fields exposure attenuates cognitive dysfunction in 5×FAD mice by regulating microglial function. *Neural regeneration research*, 18(11), 2497.

Huan Y, et al. (2023) Necroptosis plays a crucial role in the exacerbation of retinal injury after blunt ocular trauma. *Neural regeneration research*, 18(4), 922.

Deng YF, et al. (2023) Intrathecal liproxstatin-1 delivery inhibits ferroptosis and attenuates mechanical and thermal hypersensitivities in rats with complete Freund's adjuvant-induced inflammatory pain. *Neural regeneration research*, 18(2), 456.

Zhang JS, et al. (2022) microRNA-455-5p alleviates neuroinflammation in cerebral ischemia/reperfusion injury. *Neural regeneration research*, 17(8), 1769.

Wen L, et al. (2022) Exosomes derived from bone marrow mesenchymal stem cells inhibit neuroinflammation after traumatic brain injury. *Neural regeneration research*, 17(12), 2717.

Fang H, et al. (2021) MicroRNA-22-3p alleviates spinal cord ischemia/reperfusion injury by modulating M2 macrophage polarization via IRF5. *Journal of neurochemistry*, 156(1), 106.

Du X, et al. (2020) Combinational Pretreatment of Colony-Stimulating Factor 1 Receptor Inhibitor and Triptolide Upregulates BDNF-Akt and Autophagic Pathways to Improve Cerebral Ischemia. *Mediators of inflammation*, 2020, 8796103.

Binning W, et al. (2020) Chronic hM3Dq signaling in microglia ameliorates neuroinflammation in male mice. *Brain, behavior, and immunity*, 88, 791.

Martínez-Sánchez N, et al. (2017) Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. *Cell metabolism*, 26(1), 212.

Xu Z, et al. (2017) Vascular endothelial growth factor is neuroprotective against ischemic brain injury by inhibiting scavenger receptor A expression on microglia. *Journal of neurochemistry*, 142(5), 700.

Singh VB, et al. (2016) Smoothed Agonist Reduces Human Immunodeficiency Virus Type-1-Induced Blood-Brain Barrier Breakdown in Humanized Mice. *Scientific reports*, 6, 26876.