

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

Anti-IBA1

RRID:AB_2924932

Type: Antibody

Proper Citation

Synaptic Systems Cat# 234 308, RRID:AB_2924932

Antibody Information

URL: http://antibodyregistry.org/AB_2924932

Proper Citation: Synaptic Systems Cat# 234 308, RRID:AB_2924932

Target Antigen: IBA1

Host Organism: guinea pig

Clonality: recombinant monoclonal

Comments: WB; IP; ICC; IHC; FFPE (IHC-P)

Antibody Name: Anti-IBA1

Description: This recombinant monoclonal targets IBA1

Target Organism: rat, mouse, human

Clone ID: Gp311H9

Antibody ID: AB_2924932

Vendor: Synaptic Systems

Catalog Number: 234 308

Record Creation Time: 20231110T031317+0000

Record Last Update: 20260831T191623+0000

Ratings and Alerts

No rating or validation information has been found for Anti-IBA1.

No alerts have been found for Anti-IBA1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Duncan MJ, et al. (2026) Dim light at night impacts circadian rhythms and Alzheimer's disease-like neuroinflammation and neuropathology in humanized APP SAA knock-in mice. *Sleep*, 49(6).

Bizzotto M, et al. (2026) Maternal-fetal type I interferon signaling drives TREM2 dysregulation and synaptic dysfunction in neurodevelopmental disorders. *Neuron*.

Pósfai B, et al. (2026) P2Y12 Receptor Function Governs Microglial Surveillance and Cell-Cell Interactions in the Cerebral Cortex. *Glia*, 74(2), e70109.

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

Boyle BR, et al. (2026) Protocol for inducing focal striatal stroke in mice using photothrombosis. *STAR protocols*, 7(2), 104487.

Watson LA, et al. (2026) Persistent and transient senescent cells contribute to brain-barrier development. *Cell*, 189(14), 4295.

Hu H, et al. (2026) Widely targeted metabolomics and machine learning identify succinate as a key metabolite in sepsis-associated encephalopathy. *iScience*, 29(1), 114520.

Jin M, et al. (2026) Chimeric brain models to study human glial-neuronal and macroglial-microglial interactions. *Cell reports*, 45(1), 116794.

Li X, et al. (2026) Peripheral cancer attenuates amyloid pathology in Alzheimer's disease via cystatin-c activation of TREM2. *Cell*, 189(3), 853.

Kim B, et al. (2026) Deletion of SPI1 in microglia exacerbates amyloid pathology by impairing microglial response in Alzheimer's disease models. *Neuron*.

Zampar S, et al. (2026) Amyloid Plaques Ameliorate Memory Deficits and Hippocampal Neuron Loss in an A β 42-Driven Alzheimer's Disease Mouse Model. *Molecular neurobiology*, 63(1).

Mukherjee S, et al. (2026) A single *Citrobacter rodentium* infection in Pink1 knockout and wild-type mice leads to regional blood-brain-barrier perturbation and limited microglial activation without dopamine neuron axon terminal loss. *PLoS pathogens*, 22(6), e1014315.

Feng R, et al. (2025) Single-cell spatial transcriptomic profiling defines a pathogenic inflammatory niche in chronic active multiple sclerosis lesions. *Immunity*, 58(12), 2989.

Wang J, et al. (2025) Microglia-Mediated Synaptic Dysfunction Contributes to Chemotherapy-Related Cognitive Impairment. *Journal of neurochemistry*, 169(3), e70024.

Petry P, et al. (2025) Early microglia progenitors colonize the embryonic CNS via integrin-mediated migration from the pial surface. *Developmental cell*.

Woo MS, et al. (2025) The immunoproteasome disturbs neuronal metabolism and drives neurodegeneration in multiple sclerosis. *Cell*, 188(17), 4567.

Gu N, et al. (2025) Microglia regulate neuronal activity via structural remodeling of astrocytes. *Neuron*.

Zhu B, et al. (2025) G-protein-coupled receptor ADGRG1 drives a protective microglial state in Alzheimer's disease through MYC activation. *Neuron*.

Kohno K, et al. (2025) Interleukin-4 induces CD11c⁺ microglia leading to amelioration of neuropathic pain in mice. *eLife*, 14.

Jiao H, et al. (2025) Time-restricted feeding provides limited microglial immunometabolic improvements in diet-induced obese rats. *Cell reports*, 44(10), 116380.