Resource Summary Report

Generated by ASWG on Aug 10, 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: 20250820T022616+0000

Record Last Update: 20250820T133544+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 ASWG .

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.

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

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

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?4-42-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.

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

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