Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 13, 2025

RAT ANTI MOUSE CD11b

RRID:AB_321292
Type: Antibody

Proper Citation

(Bio-Rad Cat# MCA711, RRID:AB_321292)

Antibody Information

URL: http://antibodyregistry.org/AB_321292

Proper Citation: (Bio-Rad Cat# MCA711, RRID:AB_321292)

Target Antigen: CD11b

Host Organism: Rat

Clonality: monoclonal

Comments: Applications: Flow Cytometry, Immunofluorescence, Immunohistology - Frozen, Immunoprecipitation

Antibody Name: RAT ANTI MOUSE CD11b

Description: This monoclonal targets CD11b

Target Organism: mouse, human

Clone ID: Clone 5C6

Defining Citation: PMID:18386786, PMID:20034058

Antibody ID: AB_321292

Vendor: Bio-Rad

Catalog Number: MCA711

Record Creation Time: 20241016T233540+0000

Record Last Update: 20241017T005704+0000

Ratings and Alerts

No rating or validation information has been found for RAT ANTI MOUSE CD11b.

No alerts have been found for RAT ANTI MOUSE CD11b.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Hamamoto K, et al. (2024) Unveiling the physiological impact of ESCRT-dependent autophagosome closure by targeting the VPS37A ubiquitin E2 variant-like domain. Cell reports, 43(12), 115016.

Cheemalavagu N, et al. (2024) Predicting gene-level sensitivity to JAK-STAT signaling perturbation using a mechanistic-to-machine learning framework. Cell systems, 15(1), 37.

Scheiblich H, et al. (2024) Microglia rescue neurons from aggregate-induced neuronal dysfunction and death through tunneling nanotubes. Neuron, 112(18), 3106.

Karabag D, et al. (2023) Characterizing microglial senescence: Tau as a key player. Journal of neurochemistry, 166(3), 517.

Grotemeyer A, et al. (2023) Inflammasome inhibition protects dopaminergic neurons from ?-synuclein pathology in a model of progressive Parkinson's disease. Journal of neuroinflammation, 20(1), 79.

Frederico B, et al. (2022) DNGR-1-tracing marks an ependymal cell subset with damage-responsive neural stem cell potential. Developmental cell, 57(16), 1957.

Liu D, et al. (2022) Circadian activities of the brain MNK-eIF4E signalling axis contribute to diurnal rhythms of some cognitive functions. The European journal of neuroscience, 56(1), 3553.

Garcia-Serrano AM, et al. (2022) Cognitive Impairment and Metabolite Profile Alterations in the Hippocampus and Cortex of Male and Female Mice Exposed to a Fat and Sugar-Rich Diet are Normalized by Diet Reversal. Aging and disease, 13(1), 267.

Catela C, et al. (2022) Control of spinal motor neuron terminal differentiation through sustained Hoxc8 gene activity. eLife, 11.

Ferrara SJ, et al. (2022) TREM2 is thyroid hormone regulated making the TREM2 pathway druggable with ligands for thyroid hormone receptor. Cell chemical biology, 29(2), 239.

Rangan P, et al. (2022) Fasting-mimicking diet cycles reduce neuroinflammation to attenuate cognitive decline in Alzheimer's models. Cell reports, 40(13), 111417.

Bijeli? D, et al. (2022) Tenascin-C fibronectin D domain is involved in the fine-tuning of glial response to CNS injury in vitro. Frontiers in cell and developmental biology, 10, 952208.

Scheiblich H, et al. (2021) Microglia jointly degrade fibrillar alpha-synuclein cargo by distribution through tunneling nanotubes. Cell, 184(20), 5089.

Hohsfield LA, et al. (2021) Subventricular zone/white matter microglia reconstitute the empty adult microglial niche in a dynamic wave. eLife, 10.

Friker LL, et al. (2020) ?-Amyloid Clustering around ASC Fibrils Boosts Its Toxicity in Microglia. Cell reports, 30(11), 3743.

Konishi H, et al. (2020) Astrocytic phagocytosis is a compensatory mechanism for microglial dysfunction. The EMBO journal, 39(22), e104464.

McLeod VM, et al. (2020) Dysregulation of Steroid Hormone Receptors in Motor Neurons and Glia Associates with Disease Progression in ALS Mice. Endocrinology, 161(9).

Bernier LP, et al. (2019) Nanoscale Surveillance of the Brain by Microglia via cAMP-Regulated Filopodia. Cell reports, 27(10), 2895.

McLeod VM, et al. (2019) Androgen receptor antagonism accelerates disease onset in the SOD1G93A mouse model of amyotrophic lateral sclerosis. British journal of pharmacology, 176(13), 2111.

Fattori V, et al. (2019) The specialised pro-resolving lipid mediator maresin 1 reduces inflammatory pain with a long-lasting analgesic effect. British journal of pharmacology, 176(11), 1728.