Resource Summary Report

Generated by PRECISE-TBI on Sep 5, 2026

MOUSE ANTI RAT CD11b

RRID:AB_321302
Type: Antibody

Proper Citation

Bio-Rad Cat# MCA275R, RRID:AB_321302

Antibody Information

URL: http://antibodyregistry.org/AB_321302

Proper Citation: Bio-Rad Cat# MCA275R, RRID:AB_321302

Target Antigen: CD11b

Host Organism: Mouse

Clonality: monoclonal

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

Antibody Name: MOUSE ANTI RAT CD11b

Description: This monoclonal targets CD11b

Target Organism: rat

Clone ID: Clone OX-42

Defining Citation: PMID:18853423, PMID:16874803

Antibody ID: AB_321302

Vendor: Bio-Rad

Catalog Number: MCA275R

Record Creation Time: 20231110T045036+0000

Record Last Update: 20260831T225928+0000

Ratings and Alerts

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

No alerts have been found for MOUSE ANTI RAT CD11b.

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 PRECISE-TBI .

Columbro SF, et al. (2026) Beneficial effects of synthetic torpor in a fast-progressing mouse model of amyotrophic lateral sclerosis. Experimental neurology, 396, 115521.

Dias L, et al. (2025) Impact of Glucocorticoid-Associated Stress-Like Conditions on Aquaporin-4 in Cultured Astrocytes and Its Modulation by Adenosine A2A Receptors. Journal of neurochemistry, 169(1), e16299.

Faust TW, et al. (2025) Reward expectation and receipt differentially modulate the spiking of accumbens D1+ and D2+ neurons. Current biology : CB, 35(6), 1285.

Wang H, et al. (2025) Changes in sensory and motor neurons populations following LPC-induced sciatic nerve demyelination in rats: A study using CTB retrograde tracing. Neuroscience, 569, 277.

Wang C, et al. (2024) SPOCK2 modulates neuropathic pain by interacting with MT1-MMP to regulate astrocytic MMP-2 activation in rats with chronic constriction injury. Journal of neuroinflammation, 21(1), 57.

Farries MA, et al. (2023) Selective encoding of reward predictions and prediction errors by globus pallidus subpopulations. Current biology : CB, 33(19), 4124.

Yousefpour N, et al. (2023) Time-dependent and selective microglia-mediated removal of spinal synapses in neuropathic pain. Cell reports, 42(1), 112010.

Yang PY, et al. (2023) NS5806 reduces carrageenan-evoked inflammation by suppressing extracellular signal-regulated kinase activation in primary sensory neurons and immune cells. European journal of pain (London, England).

Cui JJ, et al. (2022) Alexa Fluor 488-conjugated cholera toxin subunit B optimally labels neurons 3-7 days after injection into the rat gastrocnemius muscle. Neural regeneration research, 17(10), 2316.

Dias L, et al. (2022) A??1-42 peptides blunt the adenosine A2A receptor-mediated control of the interplay between P2X7 and P2Y1 receptors mediated calcium responses in astrocytes. Cellular and molecular life sciences : CMLS, 79(8), 457.

Neumann B, et al. (2019) Metformin Restores CNS Remyelination Capacity by Rejuvenating Aged Stem Cells. Cell stem cell, 25(4), 473.

Hino K, et al. (2019) Change in Brain Plasmalogen Composition by Exposure to Prenatal Undernutrition Leads to Behavioral Impairment of Rats. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(39), 7689.

Lin LH, et al. (2018) Cellular Localization of Acid-Sensing Ion Channel 1 in Rat Nucleus Tractus Solitarii. Cellular and molecular neurobiology, 38(1), 219.

Bohlen CJ, et al. (2017) Diverse Requirements for Microglial Survival, Specification, and Function Revealed by Defined-Medium Cultures. Neuron, 94(4), 759.

Shaqura M, et al. (2016) Membrane-bound glucocorticoid receptors on distinct nociceptive neurons as potential targets for pain control through rapid non-genomic effects. Neuropharmacology, 111, 1.