

Resource Summary Report

Generated by SPARC SAWG on Sep 1, 2026

RAT ANTI MOUSE CD11b

RRID:AB_323167

Type: Antibody

Proper Citation

Bio-Rad Cat# MCA711G, RRID:AB_323167

Antibody Information

URL: http://antibodyregistry.org/AB_323167

Proper Citation: Bio-Rad Cat# MCA711G, RRID:AB_323167

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:20020538](#)

Antibody ID: AB_323167

Vendor: Bio-Rad

Catalog Number: MCA711G

Record Creation Time: 20250819T212852+0000

Record Last Update: 20250819T230547+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 11 mentions in open access literature.

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

Donovan LJ, et al. (2024) Repopulated spinal cord microglia exhibit a unique transcriptome and contribute to pain resolution. Cell reports, 43(2), 113683.

Manni L, et al. (2023) Acute intranasal treatment with nerve growth factor limits the onset of traumatic brain injury in young rats. British journal of pharmacology.

Rosas Almanza J, et al. (2022) IL-12p40 promotes secondary damage and functional impairment after spinal cord contusional injury. Journal of neuroscience research, 100(12), 2213.

Carroll JB, et al. (2022) Microglial heterogeneity and complement component 3 elimination within emerging multisensory midbrain compartments during an early critical period. Frontiers in neuroscience, 16, 1072667.

Yang R, et al. (2022) Posttranslational S-nitrosylation modification regulates HMGB1 secretion and promotes its proinflammatory and neurodegenerative effects. Cell reports, 40(11), 111330.

Chikina AS, et al. (2020) Macrophages Maintain Epithelium Integrity by Limiting Fungal Product Absorption. Cell, 183(2), 411.

Matsuda T, et al. (2019) Pioneer Factor NeuroD1 Rearranges Transcriptional and Epigenetic Profiles to Execute Microglia-Neuron Conversion. Neuron, 101(3), 472.

Wang D, et al. (2018) Functional Divergence of Delta and Mu Opioid Receptor Organization in CNS Pain Circuits. Neuron, 98(1), 90.

Cope EC, et al. (2018) Microglia Play an Active Role in Obesity-Associated Cognitive Decline. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(41), 8889.

Da Ros F, et al. (2017) Targeting Interleukin-1 β Protects from Aortic Aneurysms Induced by Disrupted Transforming Growth Factor β Signaling. Immunity, 47(5), 959.

Scheiblich H, et al. (2017) Activation of the NLRP3 inflammasome in microglia: the role of ceramide. Journal of neurochemistry, 143(5), 534.