Resource Summary Report

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MOUSE ANTI RAT CD68

RRID:AB_2291300
Type: Antibody

Proper Citation

(Bio-Rad Cat# MCA341R, RRID:AB_2291300)

Antibody Information

URL: http://antibodyregistry.org/AB_2291300

Proper Citation: (Bio-Rad Cat# MCA341R, RRID:AB_2291300)

Target Antigen: CD68

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: Western Blotting, Immunohistology - Paraffin, Immunoprecipitation, Flow Cytometry, Immunohistology - Frozen, Immunofluorescence

Antibody Name: MOUSE ANTI RAT CD68

Description: This monoclonal targets CD68

Target Organism: rat

Clone ID: Clone ED1

Defining Citation: PMID:21192080

Antibody ID: AB_2291300

Vendor: Bio-Rad

Catalog Number: MCA341R

Record Creation Time: 20241016T225909+0000

Record Last Update: 20241016T234848+0000

Ratings and Alerts

No rating or validation information has been found for MOUSE ANTI RAT CD68.

No alerts have been found for MOUSE ANTI RAT CD68.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Xu Y, et al. (2024) Microglial Refinement of A-Fiber Projections in the Postnatal Spinal Cord Dorsal Horn Is Required for Normal Maturation of Dynamic Touch. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(2).

Latini L, et al. (2024) A p75 neurotrophin receptor-sparing nerve growth factor protects retinal ganglion cells from neurodegeneration by targeting microglia. British journal of pharmacology, 181(23), 4890.

Eden J, et al. (2024) Assessment of liver graft quality during hypothermic oxygenated perfusion: the first international validation study. Journal of hepatology.

Joers V, et al. (2024) Modulation of cannabinoid receptor 2 alters neuroinflammation and reduces formation of alpha-synuclein aggregates in a rat model of nigral synucleinopathy. Journal of neuroinflammation, 21(1), 240.

Richards JH, et al. (2023) Myeloid Cell Association with Spinal Cord Injury-Induced Neuropathic Pain and Depressive-like Behaviors in LysM-eGFP Mice. The journal of pain.

Guignet M, et al. (2023) Novel image analysis tool for rapid screening of cell morphology in preclinical animal models of disease. Heliyon, 9(2), e13449.

Bertho A, et al. (2023) Evaluation of the Role of the Immune System Response After Minibeam Radiation Therapy. International journal of radiation oncology, biology, physics, 115(2), 426.

Sohn EJ, et al. (2021) Involvement of the miR-363-5p/P2RX4 Axis in Regulating Schwann Cell Phenotype after Nerve Injury. International journal of molecular sciences, 22(21).

González EA, et al. (2021) Sex-specific acute and chronic neurotoxicity of acute diisopropylfluorophosphate (DFP)-intoxication in juvenile Sprague-Dawley rats. Current research in toxicology, 2, 341.

Park E, et al. (2021) Enriching neural stem cell and anti-inflammatory glial phenotypes with electrical stimulation after traumatic brain injury in male rats. Journal of neuroscience research, 99(7), 1864.

Lu J, et al. (2021) Treadmill Exercise Attenuates Cerebral Ischemia-Reperfusion Injury by Promoting Activation of M2 Microglia via Upregulation of Interleukin-4. Frontiers in cardiovascular medicine, 8, 735485.

Brezovakova V, et al. (2020) Identification of Lyve-1 positive macrophages as resident cells in meninges of rats. The Journal of comparative neurology, 528(12), 2021.

Xu B, et al. (2020) Transplantation of iPS-derived vascular endothelial cells improves white matter ischemic damage. Journal of neurochemistry, 153(6), 759.

Supasai S, et al. (2020) Acute administration of diazepam or midazolam minimally alters long-term neuropathological effects in the rat brain following acute intoxication with diisopropylfluorophosphate. European journal of pharmacology, 886, 173538.

Park CS, et al. (2020) Gallic acid attenuates blood-spinal cord barrier disruption by inhibiting Jmjd3 expression and activation after spinal cord injury. Neurobiology of disease, 145, 105077.

Schlegel A, et al. (2020) Hypothermic oxygenated perfusion protects from mitochondrial injury before liver transplantation. EBioMedicine, 60, 103014.

Carvajal S, et al. (2019) Cerium oxide nanoparticles display antilipogenic effect in rats with non-alcoholic fatty liver disease. Scientific reports, 9(1), 12848.

Chakraborty S, et al. (2018) Salt-Responsive Metabolite, ?-Hydroxybutyrate, Attenuates Hypertension. Cell reports, 25(3), 677.

Stojic A, et al. (2018) Early Nodal and Paranodal Disruption in Autoimmune Optic Neuritis. Journal of neuropathology and experimental neurology, 77(5), 361.

Anttila JE, et al. (2018) Post-stroke Intranasal (+)-Naloxone Delivery Reduces Microglial Activation and Improves Behavioral Recovery from Ischemic Injury. eNeuro, 5(2).