

Resource Summary Report

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Rat Anti-Muscarinic Acetylcholine Receptor m2 Monoclonal antibody, Unconjugated, Clone m2-2-b3

RRID:AB_94952

Type: Antibody

Proper Citation

Millipore Cat# MAB367, RRID:AB_94952

Antibody Information

URL: http://antibodyregistry.org/AB_94952

Proper Citation: Millipore Cat# MAB367, RRID:AB_94952

Target Antigen: Muscarinic Acetylcholine Receptor m2

Host Organism: rat

Clonality: monoclonal

Comments: seller recommendations: Immunocytochemistry; Immunohistochemistry; Immunoprecipitation; Immunoprecipitation, Immunocytochemistry

Antibody Name: Rat Anti-Muscarinic Acetylcholine Receptor m2 Monoclonal antibody, Unconjugated, Clone m2-2-b3

Description: This monoclonal targets Muscarinic Acetylcholine Receptor m2

Target Organism: other, feline, monkey, rat, hamster, simian, donkey, porcine, canine, horse, mouse, mammals, rabbit, bovine, human

Clone ID: Clone M2-2-B3

Defining Citation: [PMID:18273886](#), [PMID:17183535](#), [PMID:23184757](#), [PMID:17183540](#)

Antibody ID: AB_94952

Vendor: Millipore

Catalog Number: MAB367

Record Creation Time: 20250819T220741+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-Muscarinic Acetylcholine Receptor m2 Monoclonal antibody, Unconjugated, Clone m2-2-b3.

No alerts have been found for Rat Anti-Muscarinic Acetylcholine Receptor m2 Monoclonal antibody, Unconjugated, Clone m2-2-b3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Tsolias A, et al. (2024) Neuroanatomical Substrates of Circuit-Specific Cholinergic Modulation across the Primate Anterior Cingulate Cortex. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(24).

Hashimoto A, et al. (2023) Microglia enable cross-modal plasticity by removing inhibitory synapses. Cell reports, 42(5), 112383.

Hovde K, et al. (2023) Visuomotor interactions in the mouse forebrain mediated by extrastriate cortico-cortical pathways. Frontiers in neuroanatomy, 17, 1188808.

Ho CLA, et al. (2021) Orientation Preference Maps in Microcebus murinus Reveal Size-Invariant Design Principles in Primate Visual Cortex. Current biology : CB, 31(4), 733.

Wang BS, et al. (2021) Retinal and Callosal Activity-Dependent Chandelier Cell Elimination Shapes Binocularity in Primary Visual Cortex. Neuron, 109(3), 502.

Tsolias A, et al. (2021) Muscarinic Acetylcholine Receptor Localization on Distinct Excitatory and Inhibitory Neurons Within the ACC and LPFC of the Rhesus Monkey. Frontiers in neural circuits, 15, 795325.

Sidorov MS, et al. (2020) Visual Sequences Drive Experience-Dependent Plasticity in Mouse Anterior Cingulate Cortex. Cell reports, 32(11), 108152.

Katona L, et al. (2020) Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. Brain structure & function, 225(2), 705.

D'Souza RD, et al. (2019) Spatial Clustering of Inhibition in Mouse Primary Visual Cortex. Neuron, 104(3), 588.

G?m?nu? R, et al. (2018) The Mouse Cortical Connectome, Characterized by an Ultra-Dense Cortical Graph, Maintains Specificity by Distinct Connectivity Profiles. *Neuron*, 97(3), 698.

Lambert L, et al. (2018) Endocytosis of Activated Muscarinic m2 Receptor (m2R) in Live Mouse Hippocampal Neurons Occurs via a Clathrin-Dependent Pathway. *Frontiers in cellular neuroscience*, 12, 450.

Wi?ckowska A, et al. (2018) Spinalization and locomotor training differentially affect muscarinic acetylcholine receptor type 2 abutting on ?-motoneurons innervating the ankle extensor and flexor muscles. *Journal of neurochemistry*, 147(3), 361.

Fletcher ML, et al. (2017) Overlapping Representation of Primary Tastes in a Defined Region of the Gustatory Cortex. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(32), 7595.

Fajardo-Serrano A, et al. (2017) Evidence for M2 muscarinic receptor modulation of axon terminals and dendrites in the rodent basolateral amygdala: An ultrastructural and electrophysiological analysis. *Neuroscience*, 357, 349.

Hamamoto M, et al. (2017) Structural basis for cholinergic regulation of neural circuits in the mouse olfactory bulb. *The Journal of comparative neurology*, 525(3), 574.

D'Souza RD, et al. (2016) Recruitment of inhibition and excitation across mouse visual cortex depends on the hierarchy of interconnecting areas. *eLife*, 5.

Olsen GM, et al. (2016) Posterior parietal cortex of the rat: Architectural delineation and thalamic differentiation. *The Journal of comparative neurology*, 524(18), 3774.

Muller JF, et al. (2016) Localization of the M2 muscarinic cholinergic receptor in dendrites, cholinergic terminals, and noncholinergic terminals in the rat basolateral amygdala: An ultrastructural analysis. *The Journal of comparative neurology*, 524(12), 2400.