

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Mouse Anti-S100 Monoclonal Antibody, Unconjugated, Clone 4C4.9

RRID:AB_304258

Type: Antibody

Proper Citation

Abcam Cat# ab4066, RRID:AB_304258

Antibody Information

URL: http://antibodyregistry.org/AB_304258

Proper Citation: Abcam Cat# ab4066, RRID:AB_304258

Target Antigen: S100

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunohistochemistry; Western Blot; Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Fr, Immunohistochemistry-P, Western Blot

Antibody Name: Mouse Anti-S100 Monoclonal Antibody, Unconjugated, Clone 4C4.9

Description: This monoclonal targets S100

Target Organism: rat, mouse, bovine, human

Clone ID: Clone 4C4.9

Antibody ID: AB_304258

Vendor: Abcam

Catalog Number: ab4066

Record Creation Time: 20250819T224540+0000

Record Last Update: 20250820T031321+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-S100 Monoclonal Antibody, Unconjugated, Clone 4C4.9.

No alerts have been found for Mouse Anti-S100 Monoclonal Antibody, Unconjugated, Clone 4C4.9.

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 [RRID](#).

Diniz LP, et al. (2024) Histone deacetylase inhibition mitigates cognitive deficits and astrocyte dysfunction induced by amyloid- β (A β) oligomers. *British journal of pharmacology*, 181(20), 4028.

Finlay JB, et al. (2024) Olfactory neuroblastoma mimics molecular heterogeneity and lineage trajectories of small-cell lung cancer. *Cancer cell*, 42(6), 1086.

Finlay JB, et al. (2023) Deconstructing Olfactory Epithelium Developmental Pathways in Olfactory Neuroblastoma. *Cancer research communications*, 3(6), 980.

Reyes-Ortiz AM, et al. (2023) Single-nuclei transcriptome analysis of Huntington disease iPSC and mouse astrocytes implicates maturation and functional deficits. *iScience*, 26(1), 105732.

Yang J, et al. (2023) A hyaluronic acid granular hydrogel nerve guidance conduit promotes regeneration and functional recovery of injured sciatic nerves in rats. *Neural regeneration research*, 18(3), 657.

Wu S, et al. (2023) Endoplasmic reticulum associated degradation is essential for maintaining the viability or function of mature myelinating cells in adults. *Glia*, 71(5), 1360.

Mazzotta E, et al. (2023) BQ788 Reveals Glial ETBR Modulation of Neuronal Cholinergic and Nitrergic Pathways to Inhibit Intestinal Motility: ETBR Signaling is Linked to POI. *British journal of pharmacology*.

Cruz E, et al. (2022) Differential role of neuronal glucose and PFKFB3 in memory formation during development. *Glia*, 70(11), 2207.

Wu S, et al. (2021) Endoplasmic reticulum associated degradation is required for maintaining endoplasmic reticulum homeostasis and viability of mature Schwann cells in adults. *Glia*, 69(2), 489.

Ohtake Y, et al. (2018) Axonal Activation of the Unfolded Protein Response Promotes Axonal Regeneration Following Peripheral Nerve Injury. *Neuroscience*, 375, 34.

Chen KS, et al. (2017) Differential neuronal and glial expression of nuclear factor I proteins in the cerebral cortex of adult mice. *The Journal of comparative neurology*, 525(11), 2465.