

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

C8-D1A

RRID:CVCL_6379

Type: Cell Line

Proper Citation

ATCC Cat# CRL-2541, RRID:CVCL_6379

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_6379

Proper Citation: ATCC Cat# CRL-2541, RRID:CVCL_6379

Description: Cell line C8-D1A is a Spontaneously immortalized cell line with a species of origin *Mus musculus* (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:6466977](#), [PMID:24753479](#), [PMID:26227174](#), [PMID:32561641](#)

Comments: Characteristics: Susceptible to infection by mouse scrapie prion (PrPSc) strains 22L and RML (PubMed=32561641).

Category: Spontaneously immortalized cell line

Organism: *Mus musculus* (Mouse)

Name: C8-D1A

Synonyms: C8D1A, Astrocyte type I clone

Cross References: CLO:CLO_0002155, ATCC:CRL-2541, CCRID:4201MOU-CCTCC00177, CCTCC:GDC0177, CLS:300316, PRIDE:PXD000501, PRIDE:PXD001597, Wikidata:Q54808244

ID: CVCL_6379

Vendor: ATCC

Catalog Number: CRL-2541

Record Creation Time: 20220427T215435+0000

Record Last Update: 20260815T231955+0000

Ratings and Alerts

No rating or validation information has been found for C8-D1A.

No alerts have been found for C8-D1A.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Wu J, et al. (2026) Astrocytic AEBP1-NPAS3-LIPA pathway coordinates cholesterol homeostasis to regulate Alzheimer's pathology. Cell reports, 45(4), 117193.

Medina-López AM, et al. (2026) Cellular Characterization Using Microwave-Assisted Immunocytochemistry, A Time-Efficient Alternative to Traditional Immunocytochemistry. Current protocols, 6(4), e70363.

Zhang J, et al. (2025) Astrocytic PCBP1 Suppresses Ferroptosis to Restore Glutamatergic Homeostasis and Mitigate Stress-Induced Depression in Male Mice. Advanced science (Weinheim, Baden-Wurtemberg, Germany), e13438.

Zhou J, et al. (2024) Astrocytic LRP1 enables mitochondria transfer to neurons and mitigates brain ischemic stroke by suppressing ARF1 lactylation. Cell metabolism, 36(9), 2054.

Yu SS, et al. (2022) M1-type microglia can induce astrocytes to deposit chondroitin sulfate proteoglycan after spinal cord injury. Neural regeneration research, 17(5), 1072.

Gee MS, et al. (2020) A selective p38 γ MAPK inhibitor alleviates neuropathology and cognitive impairment, and modulates microglia function in 5XFAD mouse. Alzheimer's research & therapy, 12(1), 45.

Liu X, et al. (2019) Cell-Type-Specific Interleukin 1 Receptor 1 Signaling in the Brain Regulates Distinct Neuroimmune Activities. Immunity, 50(2), 317.

Sobue A, et al. (2018) Astroglial major histocompatibility complex class I following immune activation leads to behavioral and neuropathological changes. Glia, 66(5), 1034.