

# Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

## C8-D1A

RRID:CVCL\_6379

Type: Cell Line

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### Proper Citation

CLS Cat# 300316, RRID:CVCL\_6379

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_6379](https://web.expasy.org/cellosaurus/CVCL_6379)

**Proper Citation:** CLS Cat# 300316, 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:** CLS

**Catalog Number:** 300316

**Record Creation Time:** 20230322T070652+0000

**Record Last Update:** 20260802T004401+0000

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## Ratings and Alerts

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

No alerts have been found for C8-D1A.

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## Data and Source Information

**Source:** [CelloSaurus](#)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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 $\gamma$  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.