

Resource Summary Report

Generated by [dkNET](#) on Sep 10, 2026

C6

RRID:CVCL_0194

Type: Cell Line

Proper Citation

RRID:CVCL_0194

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0194

Proper Citation: RRID:CVCL_0194

Sex: Male

Defining Citation: [PMID:3468959](#), [PMID:4873531](#), [PMID:19381449](#), [PMID:25492533](#), [PMID:34917708](#)

Comments: Breed/subspecies: Wistar Furth., Derived from sampling site: Brain., Omics: Mitochondrial genome sequenced., Omics: Deep quantitative proteome analysis., Transformant: ChEBI; CHEBI:50102; N-methyl-N-nitrosourea (NMU)., Doubling time: ~24 hours (CLS=500142); ~25-30 hours (DSMZ=ACC-550).

Category: Cancer cell line

Name: C6

Synonyms: C-6, C 6, RGC-6, RGC6, RGc6

Cross References: BTO:BTO:0000529, CLO:CLO_0002072, CLO:CLO_0002140, CLO:CLO_0051387, CLO:CLO_0051388, MCCL:MCC:0000085, CLDB:cl579, CLDB:cl580, CLDB:cl581, CLDB:cl583, CLDB:cl5165, ATCC:CCL-107, BCRC:60046, BCRJ:0057, CCRID:1101RAT-PUMC000131, CCRID:1102RAT-NIFDC00048, CCRID:3101RATTCR1, ChEMBL-Cells:ChEMBL3308345, ChEMBL-Targets:ChEMBL614657, CLS:500142, DSMZ:ACC-550, DSMZCellDive:ACC-550, ECACC:92090409, ICLC:ATL95007, IZSLER:BS TCL 5, JCRB:IFO50110, JCRB:JCRB9096, KCB:KCB 93026YJ, KCLB:10107, Lonza:27, NCBI_Iran:C575, PRIDE:PXD026776, PubChem_Cell_line:CVCL_0194, RCB:RCB2783, RCB:RCB2854, TKG:TKG 0242, TKG:TKG 0589, TOKU-E:750, Wikidata:Q54808212

ID: CVCL_0194

Record Creation Time: 20220427T215435+0000

Record Last Update: 20260905T174504+0000

Ratings and Alerts

No rating or validation information has been found for C6.

No alerts have been found for C6.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Üremi? N, et al. (2026) Synthesis, Characterization, In Vitro Anticancer Activity, In Silico ADMET Profiling, and Molecular Docking Studies of Novel 2-Substituted Benzothiazoles: (2-((1S,2S)-2-((E)-substitutestyryl)cyclopentyl)benzo[d]thiazoles). Chemistry & biodiversity, 23(3), e01980.

Baumart GJ, et al. (2026) LDL Cholesterol Modulates Astrocyte Metabolism, Lipid Handling, and Morphology: Evidence From In Vitro and In Vivo Models. Journal of neurochemistry, 170(3), e70403.

Zhao H, et al. (2026) tLyP-1 peptide-modified MnO₂ co-delivering si-SLC16A1 and temozolomide synergistically suppresses glioblastoma via hypoxia modulation and metabolic stress. Journal of nanobiotechnology, 24(1).

Queiroz JP, et al. (2026) Silk Fibroin-Stabilized Lapachol Microemulsion Enhances Antiglioma Activity In Vitro. Chemistry & biodiversity, 23(1), e01414.

Lu B, et al. (2026) Targeting the tumor microenvironment: reprogramming macrophages as a novel therapeutic strategy in FUOM-deficient glioblastoma. Cell death & disease, 17(1).

Abdi K, et al. (2026) miR-132 overexpression is associated with modulation in miR-21 expression and glioblastoma cell behavior. PloS one, 21(7), e0352119.

Za?uska-Ogryzek K, et al. (2025) Isobolographic interactions of cannabidiol and AM 1172 with cisplatin in human neuroblastoma and glioblastoma cell lines: An in vitro study. Chemico-biological interactions, 408, 111392.

Bird GH, et al. (2025) A triple-action PROTAC for wild-type p53 cancer therapy. Cell reports. Medicine, 6(12), 102467.

Cardenas-Romero S, et al. (2025) Melatonin Prevents Tumor Growth: The Role of Genes Controlling the Circadian Clock, the Cell Cycle, and Angiogenesis. *Journal of pineal research*, 77(4), e70064.

Ippolito A, et al. (2025) Evidence that 5-HT_{2A} receptor signalling efficacy and not biased agonism differentiates serotonergic psychedelic from non-psychedelic drugs. *British journal of pharmacology*.

Zhang H, et al. (2025) Molecular Characterization of Cancer Preventive and Therapeutic Potential of Three Antistress Compounds, Triethylene Glycol, Withanone, and Withaferin A. *International journal of molecular sciences*, 26(2).

Pournajaf S, et al. (2025) Fingolimod Inhibits C6 Rat Glioma Proliferation and Migration, Induces Sub-G1 Cell Cycle Arrest, Mitochondrial and Extrinsic Apoptosis In Vitro and Reduces Tumour Growth In Vivo. *Clinical and experimental pharmacology & physiology*, 52(1), e70012.

Afsordeh N, et al. (2024) Eslicarbazepine induces apoptosis and cell cycle arrest in C6 glioma cells in vitro and suppresses tumor growth in an intracranial rat model. *BMC cancer*, 24(1), 1099.

Muñoz-Galdeano T, et al. (2024) Identification of a New Role of miR-199a-5p as Factor Implied in Neuronal Damage: Decreasing the Expression of Its Target X-Linked Anti-Apoptotic Protein (XIAP) After SCI. *International journal of molecular sciences*, 25(22).

Falnikar A, et al. (2024) The nucleoporin Nup153 is the anchor for Kif1a during basal nuclear migration in brain progenitor cells. *Cell reports*, 43(12), 115008.

Naima J, et al. (2024) Potassium Ions Decrease Mitochondrial Matrix pH: Implications for ATP Production and Reactive Oxygen Species Generation. *International journal of molecular sciences*, 25(2).

Saraiva JT, et al. (2024) Antitumor Effect of Butia odorata Hydroalcoholic Extract on C6 and U87MG Glioma Cell Lines: Impact on Redox Status and Inflammation Signaling. *Neurochemical research*, 50(1), 56.

Vázquez-Cabrera G, et al. (2024) ID2-ETS2 axis regulates the transcriptional acquisition of pro-tumoral microglia phenotype in glioma. *Cell death & disease*, 15(7), 512.

Biswas I, et al. (2024) Ultrastructural and immunohistochemical insights on the anti-glioma effects of a dual-drug cocktail in an in vivo experimental model. *Journal of chemotherapy* (Florence, Italy), 1.

Sun K, et al. (2023) Oncolytic Viral Therapy for Glioma by Recombinant Sindbis Virus. *Cancers*, 15(19).