

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

SNB-19

RRID:CVCL_0535

Type: Cell Line

Proper Citation

RRID:CVCL_0535

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0535

Proper Citation: RRID:CVCL_0535

Description: Cell line SNB-19 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Astrocytoma

Defining Citation: [PMID:2041050](#), [PMID:3121170](#), [PMID:3335022](#), [PMID:8528516](#), [PMID:9331090](#), [PMID:10700174](#), [PMID:15748285](#), [PMID:17088437](#), [PMID:18304946](#), [PMID:19372543](#), [PMID:20143388](#), [PMID:20215515](#), [PMID:22068913](#), [PMID:22347499](#), [PMID:22384151](#), [PMID:22460905](#), [PMID:22570425](#), [PMID:22628656](#), [PMID:23856246](#), [PMID:23933261](#), [PMID:24279929](#), [PMID:24335698](#), [PMID:24670534](#), [PMID:25877200](#), [PMID:27377824](#), [PMID:27807467](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31733513](#), [PMID:31978347](#), [PMID:38861359](#)

Comments: Population: Caucasian., Part of: NCI-60 cancer cell line panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Contaminated. Shown to be a U-251MG derivative (PubMed=18304946; PubMed=20143388; PubMed=22570425). Originally thought to originate from a 47 year old patient with a left parieto-occipital glioblastoma..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: SNB-19

Synonyms: SNB.19, SNB19, Surgical Neurology Branch-19

Cross References: BTO:BTO_0003761, CLO:CLO_0009093, EFO:EFO_0002342, MCCL:MCC:0000434, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ATCC:CRL-2219, BioGRID_ORCS_Cell_line:1486, BioSample:SAMN03151977, BioSample:SAMN03471000, BioSample:SAMN03472567, cancercellines:CVCL_0535, Cell_Model_Passport:SIDM00109, ChEMBL-Cells:ChEMBL3307552, ChEMBL-Targets:ChEMBL614164, CLS:305492, Cosmic:875894, Cosmic:897439, Cosmic:905966, Cosmic:974241, Cosmic:1044249, Cosmic:1092637, Cosmic:1305361, Cosmic:1312343, Cosmic:1746950, Cosmic:1998480, Cosmic:2302333, Cosmic:2367548, Cosmic:2550361, DepMap:ACH-001198, DSMZ:ACC-325, DSMZCellDive:ACC-325, GEO:GSM2090, GEO:GSM50178, GEO:GSM50242, GEO:GSM326246, GEO:GSM743438, GEO:GSM750785, GEO:GSM799326, GEO:GSM799389, GEO:GSM844697, GEO:GSM847161, GEO:GSM887600, GEO:GSM888683, GEO:GSM1153396, GEO:GSM1181304, GEO:GSM1181321, GEO:GSM2124686, IARC_TP53:2511, IARC_TP53:18084, IGRhCellID:SNB19, JCRB:NIHS0294, LINCS_LDP:LCL-1363, NCI-DTP:SNB-19, PharmacDB:SNB19_1429_2019, PRIDE:PXD003539, PRIDE:PXD005942, PRIDE:PXD005946, Progenetix:CVCL_0535, PubChem_Cell_line:CVCL_0535, SKY/M-FISH/CGH:2822, Wikidata:Q54955038

ID: CVCL_0535

Hierarchy: cvcl_0021

Record Creation Time: 20220427T221550+0000

Record Last Update: 20260913T010053+0000

Ratings and Alerts

No rating or validation information has been found for SNB-19.

Warning: Problematic cell line: Contaminated. Shown to be a U-251MG derivative (PubMed=18304946; PubMed=20143388; PubMed=22570425). Originally thought to originate from a 47 year old patient with a left parieto-occipital glioblastoma.

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00268.

Population: Caucasian., Part of: NCI-60 cancer cell line panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Contaminated. Shown to be a U-251MG derivative (PubMed=18304946; PubMed=20143388; PubMed=22570425). Originally thought to originate from a 47 year old patient with a left parieto-occipital glioblastoma.. **Warning:** Problematic cell line: Contaminated. Shown to be a U-251MG derivative (PubMed=20143388; PubMed=22570425). Originally thought to originate from a 47 year old patient with a left parieto-occipital glioblastoma.

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originate from a 47 year old patient with a left parieto-occipital glioblastoma.. **Warning:**
Discontinued: ATCC; CRL-2219

Population: Caucasian., Part of: NCI-60 cancer cell line panel., Part of: Cancer
Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).,
Problematic cell line: Contaminated. Shown to be a U-251MG derivative
(PubMed=18304946; PubMed=20143388; PubMed=22570425). Originally thought to
originate from a 47 year old patient with a left parieto-occipital glioblastoma.. **Warning:**
Discontinued: JCRB; NIHS0294

Population: Caucasian., Part of: NCI-60 cancer cell line panel., Part of: Cancer
Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).,
Problematic cell line: Contaminated. Shown to be a U-251MG derivative
(PubMed=18304946; PubMed=20143388; PubMed=22570425). Originally thought to
originate from a 47 year old patient with a left parieto-occipital glioblastoma..

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Gerzanich V, et al. (2025) COVID-19-associated neuroinflammation and astrocyte death in the brain linked to ORF3a-induced activation of Sur1-mediated ion channels. *mBio*, 16(9), e0201225.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. *Cell chemical biology*, 31(7), 1247.

Kunkel MW, et al. (2024) HTS384 NCI60: The Next Phase of the NCI60 Screen. *Cancer research*, 84(15), 2403.

Herzfeldt AK, et al. (2023) Complementary CRISPR screen highlights the contrasting role of membrane-bound and soluble ICAM-1 in regulating antigen-specific tumor cell killing by cytotoxic T cells. *eLife*, 12.

De Bacco F, et al. (2023) Coexisting cancer stem cells with heterogeneous gene amplifications, transcriptional profiles, and malignancy are isolated from single glioblastomas. *Cell reports*, 42(8), 112816.

Zhang S, et al. (2022) Small-Molecule NSC59984 Induces Mutant p53 Degradation through a ROS-ERK2-MDM2 Axis in Cancer Cells. *Molecular cancer research : MCR*, 20(4), 622.

Masilamani AP, et al. (2022) Calpain-mediated cleavage generates a ZBTB18 N-terminal product that regulates HIF1A signaling and glioblastoma metabolism. *iScience*, 25(7), 104625.

K??nig C, et al. (2021) Spinal interleukin-1?? induces mechanical spinal hyperexcitability in rats: Interactions and redundancies with TNF and IL-6. *Journal of neurochemistry*, 158(4), 898.

Li G, et al. (2020) HIV-1 Vpr-Induced Proinflammatory Response and Apoptosis Are Mediated through the Sur1-Trpm4 Channel in Astrocytes. *mBio*, 11(6).

Li G, et al. (2019) The Roles of prM-E Proteins in Historical and Epidemic Zika Virus-mediated Infection and Neurocytotoxicity. *Viruses*, 11(2).