Resource Summary Report

Generated by dkNET on Sep 4, 2026

LN-319

RRID:CVCL_3958
Type: Cell Line

Proper Citation

RRID:CVCL_3958

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3958

Proper Citation: RRID:CVCL_3958

Description: Cell line LN-319 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Astrocytoma

Defining Citation: PMID:7693337, PMID:7732013, PMID:9842975, PMID:10416987, PMID:14614447, PMID:14655754, PMID:17595512, PMID:21406405, PMID:22570425, PMID:25984343, PMID:30894373, PMID:31068700

Comments: Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Contaminated. Shown to be a LN-992 derivative (PubMed=22570425)..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: LN-319

Synonyms: LN 319, LN319

Cross References: BTO:BTO_0002215, AddexBio:C0005001/54, BioSample:SAMN03151824, BioSample:SAMN10988411, cancercelllines:CVCL_3958, Cell_Model_Passport:SIDM01626, Cosmic:849864, Cosmic:2367493, Cosmic:2516027, DepMap:ACH-000128, GEO:GSM397667, GEO:GSM397668, IARC_TP53:2572, PharmacoDB:LN319_843_2019, Wikidata:Q54902776

ID: CVCL_3958

Hierarchy: cvcl_6845

Record Creation Time: 20220427T220731+0000

Record Last Update: 20260904T014545+0000

Ratings and Alerts

No rating or validation information has been found for LN-319.

Warning: Problematic cell line: Contaminated. Shown to be a LN-992 derivative (PubMed=22570425).

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00450.
Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Contaminated. Shown to be a LN-992 derivative (PubMed=22570425)..

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Sallbach J, et al. (2024) The cell cycle inhibitor p21CIP1 is essential for irinotecan-induced senescence and plays a decisive role in re-sensitization of temozolomide-resistant glioblastoma cells to irinotecan. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 181, 117634.

Khadka S, et al. (2023) Anaplerotic nutrient stress drives synergy of angiogenesis inhibitors with therapeutics targeting tumor metabolism. bioRxiv : the preprint server for biology.

Zhang M, et al. (2020) Novel Immune-Related Gene Signature for Risk Stratification and Prognosis of Survival in Lower-Grade Glioma. Frontiers in genetics, 11, 363.

Zhang M, et al. (2020) Prognostic Value of a Stemness Index-Associated Signature in Primary Lower-Grade Glioma. Frontiers in genetics, 11, 441.

von Achenbach C, et al. (2020) Synergistic growth inhibition mediated by dual PI3K/mTOR pathway targeting and genetic or direct pharmacological AKT inhibition in human glioblastoma models. Journal of neurochemistry, 153(4), 510.

von Achenbach C, et al. (2018) Epidermal growth factor receptor and ligand family expression and activity in glioblastoma. Journal of neurochemistry, 147(1), 99.