

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

LN-464

RRID:CVCL_3962

Type: Cell Line

Proper Citation

RRID:CVCL_3962

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3962

Proper Citation: RRID:CVCL_3962

Description: Cell line LN-464 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Sex unspecified

Disease: Melanoma

Defining Citation: [PMID:7693337](#), [PMID:8509230](#), [PMID:10416987](#), [PMID:22570425](#), [PMID:25984343](#), [PMID:31068700](#)

Comments: Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Contaminated. The STR profile of ACN and LN-464 are identical. SNP analysis (DepMap) also shows identity of both cell lines. Personal communication of Hegi, Monika E. confirms the mismatch between the STR profile of this cell line and of the patient from which LN-464 was established. We believe this is a melanoma cell line based on the RNASeq expression profile of LN-464 (DepMap) which clusters with that of melanoma patient samples. The presence of the BRAF V600E while present at low frequency in gliomas is also a hallmark of melanomas. Originally thought to originate from the brain right parieto-occipital lobe of a 67 year old male patient with a glioblastoma..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: LN-464

Synonyms: LN 464, LN464

Cross References: BTO:BTO_0004451, BioSample:SAMN10988403, cancercellines:CVCL_3962, Cell_Model_Passport:SIDM00058, Cosmic:849873, Cosmic:2367498, Cosmic:2516032, DepMap:ACH-000676, Pharmacodb:LN464_848_2019, Wikidata:Q54902786

ID: CVCL_3962

Record Creation Time: 20220427T220731+0000

Record Last Update: 20260905T181035+0000

Ratings and Alerts

No rating or validation information has been found for LN-464.

No alerts have been found for LN-464.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.