

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

NCI-H2227

RRID:CVCL_1542

Type: Cell Line

Proper Citation

RRID:CVCL_1542

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1542

Proper Citation: RRID:CVCL_1542

Description: Cell line NCI-H2227 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung small cell carcinoma

Defining Citation: [PMID:1312696](#), [PMID:1565469](#), [PMID:8806092](#), [PMID:8806103](#), [PMID:11030152](#), [PMID:20164919](#), [PMID:20679594](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31803961](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: NCI-H2227

Synonyms: H2227, H-2227, NCIH2227

Cross References: CLO:CLO_0008066, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5934, BioSample:SAMN03473243, BioSample:SAMN10987609, cancercellines:CVCL_1542, CCRID:1101HUM-PUMC000254, Cell_Model_Passport:SIDM00730, ChEMBL-Cells:ChEMBL3308321, ChEMBL-Targets:ChEMBL2366217, Cosmic:688018, Cosmic:877279, Cosmic:877391, Cosmic:980958, Cosmic:1032429, Cosmic:2125246, Cosmic-CLP:688018, DepMap:ACH-000610, EGA:EGAS00001000978, GDSC:688018, GEO:GSM171866, GEO:GSM171867,

GEO:GSM794360, GEO:GSM887414, GEO:GSM888493, GEO:GSM1670225, IARC_TP53:436, KCLB:92227, LiGeA:CCLE_564, LINCS_LDP:LCL-1853, Pharmacodb:NCIH2227_1080_2019, PRIDE:PXD011896, PRIDE:PXD030304, Progenetix:CVCL_1542, PubChem_Cell_line:CVCL_1542, Wikidata:Q54907943

ID: CVCL_1542

Record Creation Time: 20220427T220839+0000

Record Last Update: 20260913T004954+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H2227.

Warning: Discontinued: KCLB; 92227

Population: Caucasian., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ng J, et al. (2024) Molecular and Pathologic Characterization of YAP1-Expressing Small Cell Lung Cancer Cell Lines Leads to Reclassification as SMARCA4-Deficient Malignancies. Clinical cancer research : an official journal of the American Association for Cancer Research, OF1.