

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

NCI-H2171

RRID:CVCL_1536

Type: Cell Line

Proper Citation

RRID:CVCL_1536

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1536

Proper Citation: RRID:CVCL_1536

Description: Cell line NCI-H2171 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung small cell carcinoma

Defining Citation: [PMID:8806092](#), [PMID:8806103](#), [PMID:9559342](#), [PMID:10987304](#), [PMID:11030152](#), [PMID:11314036](#), [PMID:14762065](#), [PMID:16157194](#), [PMID:18438408](#), [PMID:19472407](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20557307](#), [PMID:20624269](#), [PMID:20679594](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:23716474](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27247353](#), [PMID:27397505](#), [PMID:28766886](#), [PMID:29491412](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31803961](#), [PMID:32586373](#), [PMID:35839778](#), [PMID:39154123](#)

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-H2171

Synonyms: H2171, H-2171, NCIH2171

Cross References: BTO:BTO_0005978, CLO:CLO_0008060, EFO:EFO_0002282, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ATCC:CRL-5929, BioGRID_ORCS_Cell_line:1403, BioSample:SAMN03471007, BioSample:SAMN10988226, cancercellines:CVCL_1536,

Cell_Model_Passport:SIDM00733, ChEMBL-Cells:CHEMBL3308320, ChEMBL-Targets:CHEMBL2366213, Cosmic:688015, Cosmic:850437, Cosmic:877233, Cosmic:877388, Cosmic:980957, Cosmic:1021882, Cosmic:1032428, Cosmic:1219109, Cosmic:1239948, Cosmic:1518087, Cosmic:1759280, Cosmic:1891917, Cosmic:1995562, Cosmic:2125197, Cosmic-CLP:688015, DepMap:ACH-000525, DSMZ:ACC-544, DSMZCellDive:ACC-544, EGA:EGAS00001000610, GDSC:688015, GEO:GSM171862, GEO:GSM171863, GEO:GSM794357, GEO:GSM827525, GEO:GSM887411, GEO:GSM888490, GEO:GSM1670222, GEO:GSM1887901, GEO:GSM1887972, GEO:GSM2716708, GEO:GSM2716709, GEO:GSM2716710, GEO:GSM2716770, GEO:GSM2716771, GEO:GSM2716772, GEO:GSM2716773, IARC_TP53:21559, IGRhCellID:NCIH2171, LiGeA:CCLE_217, LINCS_LDP:LCL-1851, PharmacDB:NCIH2171_1075_2019, PRIDE:PXD011896, PRIDE:PXD030304, Progenetix:CVCL_1536, PubChem_Cell_line:CVCL_1536, Wikidata:Q54907936

ID: CVCL_1536

Record Creation Time: 20220427T220839+0000

Record Last Update: 20260913T004954+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H2171.

No alerts have been found for NCI-H2171.

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](#).

Fu R, et al. (2026) Acquired resistance to the PRMT5 inhibitor confers collateral sensitivity to MEK inhibition in MTAP-null non-small cell lung cancer. bioRxiv : the preprint server for biology.

Ahmad T, et al. (2026) KDM7B-mediated demethylation of RNF113A regulates small cell lung cancer sensitivity to alkylation damage. bioRxiv : the preprint server for biology.

Gu JJ, et al. (2026) ABL kinase inactivation induces transcription-replication conflicts and impairs replication fork progression in metastatic small cell lung cancer. Cell reports, 45(7), 117699.

Fnu T, et al. (2025) Sympathetic Neurons Promote Small Cell Lung Cancer through the α 2-Adrenergic Receptor. Cancer discovery, 15(3), 616.

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.

Pearson JD, et al. (2024) Netrin-1 and UNC5B Cooperate with Integrins to Mediate YAP-Driven Cytostasis. *Cancer research communications*, 4(9), 2374.

Wang Z, et al. (2024) Molecular subtypes of neuroendocrine carcinomas: A cross-tissue classification framework based on five transcriptional regulators. *Cancer cell*, 42(6), 1106.

Kelenis DP, et al. (2022) Inhibition of Karyopherin β 1-Mediated Nuclear Import Disrupts Oncogenic Lineage-Defining Transcription Factor Activity in Small Cell Lung Cancer. *Cancer research*, 82(17), 3058.

Pearson JD, et al. (2021) Binary pan-cancer classes with distinct vulnerabilities defined by pro- or anti-cancer YAP/TEAD activity. *Cancer cell*, 39(8), 1115.

Liang K, et al. (2018) Targeting Processive Transcription Elongation via SEC Disruption for MYC-Induced Cancer Therapy. *Cell*, 175(3), 766.