Resource Summary Report

Generated by RRID on Aug 31, 2026

NCI-H1355

RRID:CVCL_1464
Type: Cell Line

Proper Citation

RRID:CVCL_1464

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1464

Proper Citation: RRID:CVCL_1464

Description: Cell line NCI-H1355 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung adenocarcinoma

Defining Citation: PMID:1311061, PMID:1565469, PMID:8806092, PMID:11030152, PMID:11416159, PMID:12068308, PMID:20164919, PMID:20215515, PMID:22460905, PMID:22961666, PMID:25485619, PMID:25877200, PMID:26589293, PMID:27397505, PMID:28196595, PMID:29681454, PMID:30894373, PMID:30971826, PMID:31068700, PMID:31803961, PMID:31978347, PMID:35839778

Comments: Population: Caucasian., Part of: MD Anderson Cell Lines Project., 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-H1355

Synonyms: H1355, H-1355, NCIH1355

Cross References: BTO:BTO_0004823, CLO:CLO_0007989, EFO:EFO_0002251, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5865, BioGRID_ORCS_Cell_line:954, BioSample:SAMN03471876, BioSample:SAMN10987956, cancercelllines:CVCL_1464, Cell_Model_Passport:SIDM00645, ChEMBL-

Cells:CHEMBL3308876, ChEMBL-Targets:CHEMBL2366227, Cosmic:722056, Cosmic:724866, Cosmic:903587, Cosmic:1146876, Cosmic:1995521, Cosmic-CLP:724866, DepMap:ACH-000666, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:724866, GEO:GSM108809, GEO:GSM108810, GEO:GSM253322, GEO:GSM434326, GEO:GSM482107, GEO:GSM794312, GEO:GSM817081, GEO:GSM844618, GEO:GSM887358, GEO:GSM888436, GEO:GSM1670168, IARC_TP53:489, IGRhCellID:NCIH1355, KCLB:91355, LiGeA:CCLE_865, LINCS_LDP:LCL-1669, PharmacoDB:NCIH1355_1010_2019, PRIDE:PXD030304, Progenetix:CVCL_1464, PubChem_Cell_line:CVCL_1464, Wikidata:Q54907795

ID: CVCL_1464

Record Creation Time: 20220427T220837+0000

Record Last Update: 20260829T234729+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H1355.

Warning: Discontinued: KCLB; 91355
Population: Caucasian., Part of: MD Anderson Cell Lines Project., 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 12 mentions in open access literature.

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

Lang PA, et al. (2025) Optimized arenaviruses with tumor-tropic mutations promote safe anti-tumor efficacy via sustainable immune modulatory properties. Cell reports. Medicine, 6(10), 102411.

Tani T, et al. (2024) TREX1 Inactivation Unleashes Cancer Cell STING-Interferon Signaling and Promotes Antitumor Immunity. Cancer discovery, 14(5), 752.

Fukuda K, et al. (2024) Targeting WEE1 enhances the antitumor effect of KRAS-mutated non-small cell lung cancer harboring TP53 mutations. Cell reports. Medicine, 5(6), 101578.

Kitajima S, et al. (2022) MPS1 inhibition primes immunogenicity of KRAS-LKB1 mutant lung cancer. Cancer cell, 40(10), 1128.

Kofink C, et al. (2022) A selective and orally bioavailable VHL-recruiting PROTAC achieves SMARCA2 degradation in vivo. Nature communications, 13(1), 5969.

Munck JM, et al. (2021) ASTX029, a Novel Dual-mechanism ERK Inhibitor, Modulates Both the Phosphorylation and Catalytic Activity of ERK. Molecular cancer therapeutics, 20(10), 1757.

Guerra SL, et al. (2020) A Deregulated HOX Gene Axis Confers an Epigenetic Vulnerability in KRAS-Mutant Lung Cancers. Cancer cell, 37(5), 705.

Yenerall P, et al. (2020) RUVBL1/RUVBL2 ATPase Activity Drives PAQosome Maturation, DNA Replication and Radioresistance in Lung Cancer. Cell chemical biology, 27(1), 105.

LeBoeuf SE, et al. (2020) Activation of Oxidative Stress Response in Cancer Generates a Druggable Dependency on Exogenous Non-essential Amino Acids. Cell metabolism, 31(2), 339.

Yin N, et al. (2019) Protein Kinase C? and Wnt/?-Catenin Signaling: Alternative Pathways to Kras/Trp53-Driven Lung Adenocarcinoma. Cancer cell, 36(2), 156.

Lee HH, et al. (2019) Removal of N-Linked Glycosylation Enhances PD-L1 Detection and Predicts Anti-PD-1/PD-L1 Therapeutic Efficacy. Cancer cell, 36(2), 168.

Kitajima S, et al. (2018) Overcoming Resistance to Dual Innate Immune and MEK Inhibition Downstream of KRAS. Cancer cell, 34(3), 439.