

Resource Summary Report

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

NCI-H345

RRID:CVCL_1558

Type: Cell Line

Proper Citation

RRID:CVCL_1558

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1558

Proper Citation: RRID:CVCL_1558

Description: Cell line NCI-H345 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung small cell carcinoma

Defining Citation: [PMID:1320893](#), [PMID:1563005](#), [PMID:2985257](#), [PMID:6148444](#), [PMID:8626706](#), [PMID:8806092](#), [PMID:8806103](#), [PMID:10037197](#), [PMID:11030152](#), [PMID:17426248](#), [PMID:19472407](#), [PMID:20164919](#), [PMID:20557307](#), [PMID:22961666](#), [PMID:23716474](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25960936](#), [PMID:26589293](#), [PMID:27247353](#), [PMID:27397505](#), [PMID:28766886](#), [PMID:30894373](#), [PMID:31803961](#), [PMID:32586373](#), [PMID:34439128](#), [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-H345

Synonyms: H345, H-345, NCI H345, NCIH345

Cross References: BTO:BTO_0003019, CLO:CLO_0008084, EFO:EFO_0006692, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-3610, ATCC:HTB-180, BioSample:SAMN03471018, BioSample:SAMN03472734, cancercellines:CVCL_1558, Cell_Model_Passport:SIDM00719, ChEMBL-Cells:ChEMBL3307324, ChEMBL-Targets:ChEMBL614195, Cosmic:688021,

Cosmic:755464, Cosmic:844551, Cosmic:850440, Cosmic:877206, Cosmic:877355, Cosmic:1006525, Cosmic:1021860, Cosmic:1152465, Cosmic:1219101, Cosmic:1239938, Cosmic:2125251, Cosmic-CLP:688021, DepMap:ACH-001364, EGA:EGAS000001000610, EGA:EGAS000001000978, GDSC:688021, GEO:GSM169441, GEO:GSM170742, GEO:GSM170743, GEO:GSM380512, GEO:GSM784200, GEO:GSM794284, GEO:GSM844647, GEO:GSM1670240, GEO:GSM1887909, GEO:GSM1887991, IARC_TP53:21570, LINCS_LDP:LCL-1854, PharmacoDB:NCIH345_1109_2019, PRIDE:PXD030304, Progenetix:CVCL_1558, PubChem_Cell_line:CVCL_1558, Wikidata:Q54908040

ID: CVCL_1558

Record Creation Time: 20220427T220839+0000

Record Last Update: 20260913T004956+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H345.

No alerts have been found for NCI-H345.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li N, et al. (2026) Red Blood Cell-Derived Exosomal miR-93-5p Promotes Lung Cancer Progression through PTEN Suppression. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(3), e11940.

Iñáñez A, et al. (2025) The Potential of Single-Transcription Factor Gene Expression by RT-qPCR for Subtyping Small Cell Lung Cancer. International journal of molecular sciences, 26(3).

Liu Q, et al. (2024) Proteogenomic characterization of small cell lung cancer identifies biological insights and subtype-specific therapeutic strategies. Cell, 187(1), 184.

Arbajian E, et al. (2020) Methylation Patterns and Chromatin Accessibility in Neuroendocrine Lung Cancer. Cancers, 12(8).