

Resource Summary Report

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

NCI-H510A

RRID:CVCL_1565

Type: Cell Line

Proper Citation

RRID:CVCL_1565

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1565

Proper Citation: RRID:CVCL_1565

Description: Cell line NCI-H510A 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:1563005](#), [PMID:1565469](#), [PMID:2569043](#), [PMID:2985257](#), [PMID:2985258](#), [PMID:8626706](#), [PMID:8806092](#), [PMID:8806103](#), [PMID:10037197](#), [PMID:11030152](#), [PMID:17426248](#), [PMID:20164919](#), [PMID:20557307](#), [PMID:22460905](#), [PMID:22961666](#), [PMID:23716474](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27247353](#), [PMID:27397505](#), [PMID:28766886](#), [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-H510A

Synonyms: H510A, H-510A, NCI-H510, NCIH510, H510, H-510

Cross References: BTO:BTO_0003023, CLO:CLO_0008092, EFO:EFO_0006693, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-184, BioSample:SAMN03473048, BioSample:SAMN10987639, cancercellines:CVCL_1565, Cell_Model_Passport:SIDM00927, ChEMBL-Cells:ChEMBL3308322, ChEMBL-

Targets:CHEMBL2366332, Cosmic:753605, Cosmic:755466, Cosmic:897519, Cosmic:903575, Cosmic:1006527, Cosmic:1021865, Cosmic:1219103, Cosmic:1995580, Cosmic:2125210, Cosmic-CLP:753605, DepMap:ACH-000871, DSMZ:ACC-568, DSMZCellDive:ACC-568, ECACC:96020944, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:753605, GEO:GSM169437, GEO:GSM170708, GEO:GSM170709, GEO:GSM784199, GEO:GSM794289, GEO:GSM887432, GEO:GSM888512, GEO:GSM1670246, GEO:GSM1887910, GEO:GSM1887992, IARC_TP53:437, LiGeA:CCLE_268, LINCS_LDP:LCL-1856, PharmacDB:NCIH510A_1116_2019, PRIDE:PXD011896, PRIDE:PXD030304, Progenetix:CVCL_1565, PubChem_Cell_line:CVCL_1565, Wikidata:Q54908071

ID: CVCL_1565

Record Creation Time: 20220427T220840+0000

Record Last Update: 20260913T004956+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H510A.

No alerts have been found for NCI-H510A.

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](#) .

Coussens NP, et al. (2025) Combinatorial screen with apoptosis pathway targeted agents alrizomadlin, pelcitoclax, and dasminapant in multi-cell type tumor spheroids. SLAS discovery : advancing life sciences R & D, 33, 100230.

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.

Caeser R, et al. (2021) MAPK pathway activation selectively inhibits ASCL1-driven small cell lung cancer. iScience, 24(11), 103224.

Xu J, et al. (2018) GPR68 Senses Flow and Is Essential for Vascular Physiology. Cell, 173(3), 762.