

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

NCI-H1581

RRID:CVCL_1479

Type: Cell Line

Proper Citation

RRID:CVCL_1479

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1479

Proper Citation: RRID:CVCL_1479

Description: Cell line NCI-H1581 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung large cell carcinoma

Defining Citation: [PMID:1311061](#), [PMID:1563005](#), [PMID:8806092](#), [PMID:11030152](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:29444439](#), [PMID:29681454](#), [PMID:30894373](#), [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-H1581

Synonyms: H1581, H-1581, NCIH1581

Cross References: BTO:BTO_0006042, CLO:CLO_0008003, EFO:EFO_0002257, AddexBio:C0016028/4987, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-5878, BioGRID_ORCS_Cell_line:400, BioSample:SAMN03472585, BioSample:SAMN03472993, BioSample:SAMN10988311, cancercellines:CVCL_1479, Cell_Model_Passport:SIDM00748, ChEMBL-Cells:ChEMBL3308765, ChEMBL-

Targets:CHEMBL1075516, Cosmic:687797, Cosmic:844597, Cosmic:877426, Cosmic:908471, Cosmic:980977, Cosmic:1032449, Cosmic:1152510, Cosmic:1995527, Cosmic:2009534, Cosmic-CLP:908471, DepMap:ACH-000015, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:908471, GEO:GSM827484, GEO:GSM844622, GEO:GSM887369, GEO:GSM888447, GEO:GSM1670178, IARC_TP53:497, IARC_TP53:30214, IGRhCellID:NCIH1581, KCLB:91581, LiGeA:CCLE_180, LINCS_LDP:LCL-1783, PharmacoDB:NCIH1581_1024_2019, PRIDE:PXD030304, Progenetix:CVCL_1479, PubChem_Cell_line:CVCL_1479, Wikidata:Q54907826

ID: CVCL_1479

Record Creation Time: 20220427T220838+0000

Record Last Update: 20260829T234730+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H1581.

No alerts have been found for NCI-H1581.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Takeda S, et al. (2026) A MERTK-Targeting Antibody-Drug Conjugate Selectively Depletes M2 Tumor-Associated Macrophages and MERTK-Expressing Cancer Cells. *Cancer research*, 86(8), 2024.

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.

Yoon SJ, et al. (2023) Comprehensive Metabolic Tracing Reveals the Origin and Catabolism of Cysteine in Mammalian Tissues and Tumors. *Cancer research*, 83(9), 1426.

Kang YP, et al. (2021) Non-canonical Glutamate-Cysteine Ligase Activity Protects against Ferroptosis. *Cell metabolism*, 33(1), 174.

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.

Kang YP, et al. (2019) Cysteine dioxygenase 1 is a metabolic liability for non-small cell lung cancer. *eLife*, 8.