Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 6, 2025

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)

Sex: Male

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: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., 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

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, cancercelllines:CVCL_1479, Cell_Model_Passport:SIDM00748, ChEMBL-Cells:CHEMBL3308765, ChEMBL-

Targets:CHEMBL1075516, Cosmic:687797, Cosmic:877426, Cosmic:844597, Cosmic:980977, Cosmic:908471, 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: 20250131T201459+0000

Record Last Update: 20250131T203137+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 5 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.