Resource Summary Report

Generated by dkNET on Sep 3, 2026

NCI-H747

RRID:CVCL_1587
Type: Cell Line

Proper Citation

RRID:CVCL_1587

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1587

Proper Citation: RRID:CVCL_1587

Description: Cell line NCI-H747 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Cecum adenocarcinoma

Defining Citation: PMID:3479249, PMID:8806092, PMID:12068308, PMID:16418264, PMID:18258742, PMID:20164919, PMID:20215515, PMID:20570890, PMID:20606684, PMID:22460905, PMID:23272949, PMID:24755471, PMID:25926053, PMID:26589293, PMID:27397505, PMID:28196595, PMID:28854368, PMID:29101300, PMID:29444439, PMID:30894373, PMID:31068700, PMID:31978347, PMID:35839778

Comments: Population: Caucasian., Part of: NCI RAS program mutant KRAS cell line panel., 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)., Part of: AstraZeneca Colorectal cell line (AZCL) panel.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: NCI-H747

Synonyms: NCI H747, H747, H-747, NCI-747, NCIH747, NCI747

Cross References: CLO:CLO_0008114, EFO:EFO_0002303, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CCL-252, BioGRID_ORCS_Cell_line:518, BioSample:SAMN03471383, BioSample:SAMN10988329, cancercelllines:CVCL_1587,

Cell_Model_Passport:SIDM00778, ChEMBL-Cells:CHEMBL3308895, ChEMBL-Targets:CHEMBL2366087, ColonAtlas:NCIH747, Cosmic:724845, Cosmic:908457, Cosmic:1312307, Cosmic:1479598, Cosmic:1995590, Cosmic:2302002, Cosmic-CLP:908457, DepMap:ACH-000403, EGA:EGAS00001000978, GDSC:908457, GEO:GSM513918, GEO:GSM514305, GEO:GSM741259, GEO:GSM887445, GEO:GSM888525, GEO:GSM1346851, GEO:GSM1448145, GEO:GSM1670263, IARC_TP53:1557, IGRhCellID:NCIH747, IZSLER:BS TCL 176, KCLB:10252, LiGeA:CCLE_889, LINCS_LDP:LCL-1340, PharmacoDB:NCIH747_1136_2019, PRIDE:PXD005235, PRIDE:PXD005354, PRIDE:PXD005355, PRIDE:PXD030304, Progenetix:CVCL_1587, PubChem_Cell_line:CVCL_1587, Wikidata:Q54908119

ID: CVCL_1587

Record Creation Time: 20220427T220840+0000

Record Last Update: 20260829T234735+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H747.

No alerts have been found for NCI-H747.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Choi PH, et al. (2026) Distinct ERK and PI3K dependencies mediate a heterogeneous response to RAS(ON) inhibition in KRAS-mutant colorectal cancer. Cell reports, 45(7), 117559.

Castro J, et al. (2025) A Potent, Selective, Small-Molecule Inhibitor of DHX9 Abrogates Proliferation of Microsatellite Instable Cancers with Deficient Mismatch Repair. Cancer research, 85(4), 758.

Satpathy S, et al. (2025) Integrative analysis of lung adenocarcinoma across diverse ethnicities and exposures. Cancer cell, 43(9), 1731.

Hosseini A, et al. (2024) Retroelement decay by the exonuclease XRN1 is a viral mimicry dependency in cancer. Cell reports, 43(2), 113684.

Gunji D, et al. (2024) Longitudinal phosphoproteomics reveals the PI3K-PAK1 axis as a potential target for recurrent colorectal liver metastases. Cell reports, 43(12), 115061.

Neggers JE, et al. (2020) Synthetic Lethal Interaction between the ESCRT Paralog Enzymes VPS4A and VPS4B in Cancers Harboring Loss of Chromosome 18q or 16q. Cell reports, 33(11), 108493.

Grabocka E, et al. (2016) Mutant KRAS Enhances Tumor Cell Fitness by Upregulating Stress Granules. Cell, 167(7), 1803.