

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

NCI-H508

RRID:CVCL_1564

Type: Cell Line

Proper Citation

RRID:CVCL_1564

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1564

Proper Citation: RRID:CVCL_1564

Description: Cell line NCI-H508 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:8806095](#), [PMID:12068308](#), [PMID:19927377](#), [PMID:20164919](#), [PMID:20570890](#), [PMID:20606684](#), [PMID:22460905](#), [PMID:24042735](#), [PMID:25623215](#), [PMID:25926053](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28683746](#), [PMID:28854368](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:35839778](#)

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-H508

Synonyms: NCI H508, NCIH508, H508, H-508

Cross References: CLO:CLO_0008091, EFO:EFO_0002294, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ATCC:CCL-253, BioSample:SAMN03471384, BioSample:SAMN10987662, cancercellines:CVCL_1564, CCRID:1101HUM-PUMC000411, Cell_Model_Passport:SIDM00777, ChEMBL-Cells:ChEMBL4632323, ChEMBL-Targets:ChEMBL4632330, CLS:305107, ColonAtlas:NCIH508, Cosmic:685870, Cosmic:908442, Cosmic:1479606, Cosmic:1565529, Cosmic:1708418, Cosmic:2647533,

Cosmic:2841372, Cosmic-CLP:908442, DepMap:ACH-000360, GDSC:908442, GEO:GSM513916, GEO:GSM514303, GEO:GSM741253, GEO:GSM887431, GEO:GSM888511, GEO:GSM1448142, GEO:GSM1670245, GEO:GSM2550010, IARC_TP53:21574, IZSLER:BS TCL 214, KCLB:10253, LiGeA:CCLE_864, PharmacDB:NCIH508_1115_2019, PRIDE:PXD005235, PRIDE:PXD030304, Progenetix:CVCL_1564, PubChem_Cell_line:CVCL_1564, SKY/M-FISH/CGH:5012, Wikidata:Q54908070

ID: CVCL_1564

Record Creation Time: 20220427T220840+0000

Record Last Update: 20260913T004956+0000

Ratings and Alerts

No rating or validation information has been found for NCI-H508.

No alerts have been found for NCI-H508.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

De Boni L, et al. (2026) Placing purines in precision medicine: Targeting a metabolic reliance in KRAS-mutant tumors. *iScience*, 29(3), 114954.

Wang R, et al. (2025) Overcoming multidrug resistance in gastrointestinal cancers with a CDH17-targeted ADC conjugated to a DNA topoisomerase inhibitor. *Cell reports. Medicine*, 6(7), 102213.

Giarrizzo M, et al. (2024) TR-107, an Agonist of Caseinolytic Peptidase Proteolytic Subunit, Disrupts Mitochondrial Metabolism and Inhibits the Growth of Human Colorectal Cancer Cells. *Molecular cancer therapeutics*, 23(12), 1761.

Gupta A, et al. (2024) EGFR-directed antibodies promote HER2 ADC internalization and efficacy. *Cell reports. Medicine*, 5(11), 101792.

Luo X, et al. (2022) Profiling of diverse tumor types establishes the broad utility of VHL-based ProTaCs and triages candidate ubiquitin ligases. *iScience*, 25(3), 103985.

Norkin M, et al. (2021) High-content, targeted RNA-seq screening in organoids for drug discovery in colorectal cancer. *Cell reports*, 35(3), 109026.

Mukherjee R, et al. (2021) Regulation of PTEN translation by PI3K signaling maintains pathway homeostasis. *Molecular cell*, 81(4), 708.

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