

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

HC-1

RRID:CVCL_1243

Type: Cell Line

Proper Citation

DSMZ Cat# ACC-301, RRID:CVCL_1243

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1243

Proper Citation: DSMZ Cat# ACC-301, RRID:CVCL_1243

Description: Cell line HC-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Hairy cell leukemia

Defining Citation: [PMID:1851909](#), [PMID:20164919](#), [PMID:20454443](#), [PMID:22653958](#), [PMID:27397505](#), [PMID:30894373](#), [PMID:31160637](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: LL-100 blood cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Possibly misclassified. It is not certain that this cell line originate from a hairy cell leukemia (PubMed=22653958)..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HC-1

Synonyms: HC1

Cross References: CLO:CLO_0003627, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-3610, ArrayExpress:E-MTAB-7721, ArrayExpress:E-MTAB-7722, BioSample:SAMN03473346, cancercellines:CVCL_1243, Cell_Model_Passport:SIDM01073, ChEMBL-Cells:ChEMBL3308522, ChEMBL-Targets:ChEMBL2366299, Cosmic:907044, Cosmic:1809512, Cosmic:2690009, Cosmic-CLP:907044, DepMap:ACH-002242, DSMZ:ACC-301, DSMZCellDive:ACC-301, EGA:EGAS00001000978, GDSC:907044, GEO:GSM1669840, IARC_TP53:21358,

LINCS_LDP:LCL-1086, PharmacDB:HC1_444_2019, PRIDE:PXD030304,
PubChem_Cell_line:CVCL_1243, Wikidata:Q54881463

ID: CVCL_1243

Vendor: DSMZ

Catalog Number: ACC-301

Record Creation Time: 20220427T220316+0000

Record Last Update: 20260913T003947+0000

Ratings and Alerts

No rating or validation information has been found for HC-1.

Warning: Problematic cell line: Possibly misclassified. It is not certain that this cell line originate from a hairy cell leukemia (PubMed=22653958).

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Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Johnson Z, et al. (2023) IOA-244 is a Non-ATP-competitive, Highly Selective, Tolerable PI3K Delta Inhibitor That Targets Solid Tumors and Breaks Immune Tolerance. Cancer research communications, 3(4), 576.