

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

LP-1

RRID:CVCL_0012

Type: Cell Line

Proper Citation

RRID:CVCL_0012

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0012

Proper Citation: RRID:CVCL_0012

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

Sex: Female

Disease: Plasma cell myeloma

Defining Citation: [PMID:2784066](#), [PMID:10583232](#), [PMID:10936422](#), [PMID:11157491](#), [PMID:16956823](#), [PMID:16957166](#), [PMID:17171682](#), [PMID:17692805](#), [PMID:18647998](#), [PMID:18700954](#), [PMID:20164919](#), [PMID:21173094](#), [PMID:22460905](#), [PMID:25485619](#), [PMID:25688540](#), [PMID:25877200](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30285677](#), [PMID:30545397](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31160637](#), [PMID:32123307](#), [PMID:35839778](#)

Comments: Characteristics: Produces IgG lambda., Population: Caucasian., Part of: MD Anderson Cell Lines Project., 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).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: LP-1

Synonyms: LP1

Cross References: BTO:BTO_0005912, CLO:CLO_0007379, EFO:EFO_0003055, CLDB:cl3252, AddexBio:C0003006/55, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-

MTAB-7721, ArrayExpress:E-MTAB-7722, ArrayExpress:E-TABM-937, BioGRID_ORCS_Cell_line:933, BioSample:SAMN03472929, BioSample:SAMN10988493, cancercellines:CVCL_0012, Cell_Model_Passport:SIDM00340, ChEMBL-Cells:ChEMBL3308171, ChEMBL-Targets:ChEMBL2366066, CLS:300321, Cosmic:720763, Cosmic:759910, Cosmic:907791, Cosmic:2081397, Cosmic:2367290, Cosmic:2391810, Cosmic:2809761, Cosmic-CLP:907791, DepMap:ACH-000204, DSMZ:ACC-41, DSMZCellDive:ACC-41, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:907791, GEO:GSM143335, GEO:GSM290302, GEO:GSM562813, GEO:GSM887276, GEO:GSM888351, GEO:GSM1374631, GEO:GSM1670057, IARC_TP53:21475, LiGeA:CCLE_549, LINCS_LDP:LCL-2046, Lonza:129, PharmacDB:LP1_858_2019, PRIDE:PXD030239, PRIDE:PXD030304, Progenetix:CVCL_0012, PubChem_Cell_line:CVCL_0012, Wikidata:Q54902910

ID: CVCL_0012

Record Creation Time: 20220427T220733+0000

Record Last Update: 20260905T181039+0000

Ratings and Alerts

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

No alerts have been found for LP-1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Lesire L, et al. (2026) Enhancing antitumour response to proteasome inhibitors with inhibitors of insulin-degrading enzyme, a new molecular vulnerability in multiple myeloma. British journal of pharmacology, 183(12), 3355.

Tang A, et al. (2026) Targeting BCMA in multiple myeloma with a trifunctional NK cell engager. Cell reports. Medicine, 7(3), 102628.

Tiwari PK, et al. (2026) An orally active dual CBP/p300 degrader targets core dependencies of multiple myeloma. Cell reports, 45(6), 117464.

Viviani L, et al. (2026) The C-terminal region of TENT5 proteins drives ER-associated mRNA polyadenylation via FNDC3 interaction. Cell reports, 45(6), 117501.

Bolomsky A, et al. (2024) IRF4 requires ARID1A to establish plasma cell identity in multiple myeloma. *Cancer cell*, 42(7), 1185.

Nicosia L, et al. (2023) Therapeutic targeting of EP300/CBP by bromodomain inhibition in hematologic malignancies. *Cancer cell*, 41(12), 2136.

Sadras T, et al. (2021) Developmental partitioning of SYK and ZAP70 prevents autoimmunity and cancer. *Molecular cell*, 81(10), 2094.

Vannam R, et al. (2021) Targeted degradation of the enhancer lysine acetyltransferases CBP and p300. *Cell chemical biology*, 28(4), 503.

Shirasaki R, et al. (2021) Functional Genomics Identify Distinct and Overlapping Genes Mediating Resistance to Different Classes of Heterobifunctional Degraders of Oncoproteins. *Cell reports*, 34(1), 108532.

Fucci C, et al. (2020) The Interaction of the Tumor Suppressor FAM46C with p62 and FNDC3 Proteins Integrates Protein and Secretory Homeostasis. *Cell reports*, 32(12), 108162.

Shemorry A, et al. (2019) Caspase-mediated cleavage of IRE1 controls apoptotic cell commitment during endoplasmic reticulum stress. *eLife*, 8.

Gudernova I, et al. (2017) One reporter for in-cell activity profiling of majority of protein kinase oncogenes. *eLife*, 6.