Resource Summary Report

Generated by NIF on Sep 10, 2026

ML-2

RRID:CVCL_1418
Type: Cell Line

Proper Citation

RRID:CVCL_1418

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1418

Proper Citation: RRID:CVCL_1418

Description: Cell line ML-2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Adult acute myeloid leukemia

Defining Citation: PMID:2985879, PMID:3159941, PMID:3458526, PMID:3874327, PMID:6091813, PMID:14671638, PMID:15843827, PMID:16408098, PMID:16969076, PMID:20164919, PMID:20215515, PMID:25485619, PMID:25877200, PMID:26589293, PMID:27397505, PMID:30894373, 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: ML-2

Synonyms: ML2

Cross References: BTO:BTO_0001885, CLO:CLO_0007736, EFO:EFO_0002238, CLDB:cl3490, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-3610, BioSample:SAMN03472168, cancercelllines:CVCL_1418, Cell_Model_Passport:SIDM00441, ChEMBL-Cells:CHEMBL3307604, ChEMBL-Targets:CHEMBL614356, Cosmic:787454, Cosmic:850389, Cosmic:908141, Cosmic:975271, Cosmic:999728, Cosmic:1012092, Cosmic:1078727, Cosmic:1078739, Cosmic:1151785, Cosmic:1181602, Cosmic:1281329,

Cosmic:1524834, Cosmic:2131545, Cosmic:2391904, Cosmic:2750863, Cosmic-CLP:908141, DepMap:ACH-002273, DSMZ:ACC-15, DSMZCellDive:ACC-15, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:908141, GEO:GSM236791, GEO:GSM236827, GEO:GSM482497, GEO:GSM1374683, GEO:GSM1446737, GEO:GSM1670116, IGRhCellID:ML2, LINCS_LDP:LCL-1060, PharmacoDB:ML2_942_2019, PRIDE:PXD030304, Progenetix:CVCL_1418, PubChem_Cell_line:CVCL_1418, Wikidata:Q54905843

ID: CVCL_1418

Record Creation Time: 20220427T220810+0000

Record Last Update: 20260905T181150+0000

Ratings and Alerts

No rating or validation information has been found for ML-2.

No alerts have been found for ML-2.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Barral L, et al. (2026) Targeting BMP and TAZ/TEAD mechanotransduction pathways impairs acute myeloid leukemia chemoresistance. Leukemia, 40(6), 1151.

Jones L, et al. (2026) A structure-based modeling approach identifies effective drug combinations for RAS-mutant acute myeloid leukemia. iScience, 29(8), 116875.

Chen Z, et al. (2025) YTHDF2 promotes ATP synthesis and immune evasion in B cell malignancies. Cell, 188(2), 331.

Han L, et al. (2023) METTL16 drives leukemogenesis and leukemia stem cell self-renewal by reprogramming BCAA metabolism. Cell stem cell, 30(1), 52.

Ng M, et al. (2023) Myeloid leukemia vulnerabilities embedded in long noncoding RNA locus MYNRL15. iScience, 26(10), 107844.

Maru B, et al. (2023) PARP-1 improves leukemia outcomes by inducing parthanatos during chemotherapy. Cell reports. Medicine, 4(9), 101191.

Polyanskaya SA, et al. (2022) SCP4-STK35/PDIK1L complex is a dual phospho-catalytic signaling dependency in acute myeloid leukemia. Cell reports, 38(2), 110233.

Jayavelu AK, et al. (2022) The proteogenomic subtypes of acute myeloid leukemia. Cancer cell, 40(3), 301.

Hern??ndez-Malmierca P, et al. (2022) Antigen presentation safeguards the integrity of the hematopoietic stem cell pool. Cell stem cell, 29(5), 760.

Cao Z, et al. (2021) ZMYND8-regulated IRF8 transcription axis is an acute myeloid leukemia dependency. Molecular cell, 81(17), 3604.

Miyamoto R, et al. (2021) HOXA9 promotes MYC-mediated leukemogenesis by maintaining gene expression for multiple anti-apoptotic pathways. eLife, 10.

Chen CC, et al. (2020) Vitamin B6 Addiction in Acute Myeloid Leukemia. Cancer cell, 37(1), 71.

Su R, et al. (2020) Targeting FTO Suppresses Cancer Stem Cell Maintenance and Immune Evasion. Cancer cell, 38(1), 79.

Krivtsov AV, et al. (2019) A Menin-MLL Inhibitor Induces Specific Chromatin Changes and Eradicates Disease in Models of MLL-Rearranged Leukemia. Cancer cell, 36(6), 660.

Volk A, et al. (2018) A CHAF1B-Dependent Molecular Switch in Hematopoiesis and Leukemia Pathogenesis. Cancer cell, 34(5), 707.

Reyna DE, et al. (2017) Direct Activation of BAX by BTSA1 Overcomes Apoptosis Resistance in Acute Myeloid Leukemia. Cancer cell, 32(4), 490.

Liang K, et al. (2017) Therapeutic Targeting of MLL Degradation Pathways in MLL-Rearranged Leukemia. Cell, 168(1-2), 59.