

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

Mono-Mac-6

RRID:CVCL_1426

Type: Cell Line

Proper Citation

RRID:CVCL_1426

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1426

Proper Citation: RRID:CVCL_1426

Description: Cell line Mono-Mac-6 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Adult acute monocytic leukemia

Defining Citation: [PMID:3162233](#), [PMID:7833491](#), [PMID:8225390](#), [PMID:14671638](#), [PMID:15843827](#), [PMID:16408098](#), [PMID:20164919](#), [PMID:22460905](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:30285677](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31160637](#), [PMID:31978347](#), [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).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: Mono-Mac-6

Synonyms: MONO-MAC-6, Mono-mac-6, MONO-MAC 6, Mono Mac 6, Mono Mac6, MonoMac 6, MonoMac6, MONOMAC6, MM6

Cross References: BTO:BTO_0002333, CLO:CLO_0007828, EFO:EFO_0006287, CLDB:cl3535, CLDB:cl7057, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-MTAB-7721, ArrayExpress:E-MTAB-7722, BCRJ:0373, BioSample:SAMN03473411, BioSample:SAMN10988430, cancercellines:CVCL_1426, Cell_Model_Passport:SIDM01023, ChEMBL-

Cells:CHEMBL3308335, ChEMBL-Targets:CHEMBL2366062, CLS:305440, Cosmic:787459, Cosmic:850390, Cosmic:908148, Cosmic:975278, Cosmic:1012100, Cosmic:1089514, Cosmic:1281335, Cosmic:1465950, Cosmic:1524836, Cosmic:2131547, Cosmic:2306198, Cosmic:2392975, Cosmic-CLP:908148, DepMap:ACH-000006, DSMZ:ACC-124, DSMZCellDive:ACC-124, EGA:EGAS00001000978, GDSC:908148, GEO:GSM236795, GEO:GSM236831, GEO:GSM887338, GEO:GSM888414, GEO:GSM1374692, GEO:GSM1670130, IARC_TP53:21514, ICLC:HTL01015, LiGeA:CCLE_095, LINCS_LDP:LCL-1063, Lonza:4, PharmacDB:MONOMAC6_960_2019, PRIDE:PXD030304, Progenetix:CVCL_1426, PubChem_Cell_line:CVCL_1426, Wikidata:Q54906378

ID: CVCL_1426

Record Creation Time: 20220427T220817+0000

Record Last Update: 20260913T004917+0000

Ratings and Alerts

No rating or validation information has been found for Mono-Mac-6.

No alerts have been found for Mono-Mac-6.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Shen C, et al. (2025) ALKBH1 drives tumorigenesis and drug resistance via tRNA decoding reprogramming and codon-biased translation. Cancer discovery.

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

Fredon M, et al. (2024) Impact of scFv on Functionality and Safety of Third-Generation CD123 CAR T Cells. Cancer immunology research, 12(8), 1090.

Qiao X, et al. (2024) Diversifying the anthracycline class of anti-cancer drugs identifies aclarubicin for superior survival of acute myeloid leukemia patients. Molecular cancer, 23(1), 120.

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

Li Y, et al. (2023) TET2-mediated mRNA demethylation regulates leukemia stem cell homing and self-renewal. *Cell stem cell*, 30(8), 1072.

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

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

Kilby EL, et al. (2021) Testosterone stimulates cholesterol clearance from human macrophages by activating LXR?. *Life sciences*, 269, 119040.

Riedel SS, et al. (2021) Intrinsically disordered Meningioma-1 stabilizes the BAF complex to cause AML. *Molecular cell*, 81(11), 2332.

Wang YP, et al. (2021) Malic enzyme 2 connects the Krebs cycle intermediate fumarate to mitochondrial biogenesis. *Cell metabolism*, 33(5), 1027.

Qing Y, et al. (2021) R-2-hydroxyglutarate attenuates aerobic glycolysis in leukemia by targeting the FTO/m6A/PFKP/LDHB axis. *Molecular cell*, 81(5), 922.

Shen C, et al. (2020) RNA Demethylase ALKBH5 Selectively Promotes Tumorigenesis and Cancer Stem Cell Self-Renewal in Acute Myeloid Leukemia. *Cell stem cell*, 27(1), 64.

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

Li Y, et al. (2020) Co-culture Systems of Drug-Treated Acute Myeloid Leukemia Cells and T Cells for In Vitro and In Vivo Study. *STAR protocols*, 1(2).

Bai L, et al. (2019) A Potent and Selective Small-Molecule Degradar of STAT3 Achieves Complete Tumor Regression In Vivo. *Cancer cell*, 36(5), 498.

Aho ER, et al. (2019) Displacement of WDR5 from Chromatin by a WIN Site Inhibitor with Picomolar Affinity. *Cell reports*, 26(11), 2916.

Bode K, et al. (2019) Dectin-1 Binding to Annexins on Apoptotic Cells Induces Peripheral Immune Tolerance via NADPH Oxidase-2. *Cell reports*, 29(13), 4435.