

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

LLC-MK2

RRID:CVCL_3009

Type: Cell Line

Proper Citation

ATCC Cat# CCL-7, RRID:CVCL_3009

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3009

Proper Citation: ATCC Cat# CCL-7, RRID:CVCL_3009

Description: Cell line LLC-MK2 is a Spontaneously immortalized cell line with a species of origin *Macaca mulatta* (Rhesus macaque)

Sex: Sex unspecified

Defining Citation: [PMID:4203458](#), [PMID:6298990](#), [PMID:13821019](#), [PMID:14185313](#), [PMID:14449901](#), [PMID:14449902](#), [PMID:14473108](#), [PMID:16494729](#), [PMID:18605421](#), [PMID:28046048](#), [PMID:33389257](#)

Comments: Donor information: Derived from the trypsinization of a pool of kidneys from 6 adult rhesus monkeys., Virology: Susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Virology: Susceptible to infection by SARS coronavirus (SARS-CoV) (PubMed=16494729)., Group: Patented cell line., Group: Non-human primate cell line.

Category: Spontaneously immortalized cell line

Organism: *Macaca mulatta* (Rhesus macaque)

Name: LLC-MK2

Synonyms: Llc-Mk2, LLC-MK-2, LLC-MK2 Original, LLCMK2, LLcMK2, Lilly Laboratories Culture-Monkey Kidney 2, MK2

Cross References: CLO:CLO_0007330, CLDB:cl3214, CLDB:cl3215, CLDB:cl3218, CLDB:cl3219, CLDB:cl3220, AddexBio:P0014004/4952, ATCC:CCL-7, ATCC:CCL-7.1, BCRC:60092, BCRC:60365, BCRJ:0146, CCRID:1102MON-NIFDC00078, CCRID:3101MONGNO6, CCRID:4201MON-CCTCC00156, CCTCC:GDC0156, ChEMBL-Cells:ChEMBL3307684, ChEMBL-Targets:ChEMBL614691, CLS:305149,

ECACC:85062804, IZSLER:BS CL 57, Lonza:128, PubChem_Cell_line:CVCL_3009, Wikidata:Q54902701

ID: CVCL_3009

Vendor: ATCC

Catalog Number: CCL-7

Record Creation Time: 20220427T220729+0000

Record Last Update: 20260904T014543+0000

Ratings and Alerts

No rating or validation information has been found for LLC-MK2.

No alerts have been found for LLC-MK2.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 259 mentions in open access literature.

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

Chen W, et al. (2026) Broad-spectrum coronavirus inhibition by RSV fusion inhibitors targeting six-helix bundle formation. Life sciences, 394, 124357.

Koutsaviti A, et al. (2026) Isolation of Metabolites With Antiviral Activity From the Brown Algae Dictyota fasciola and Dictyota mediterranea. Chemistry & biodiversity, 23(6), e71433.

Abu-Shmais AA, et al. (2026) A potently neutralizing and protective human antibody targeting antigenic site V on RSV and hMPV fusion glycoprotein. Cell reports. Medicine, 7(2), 102564.

McCaffrey KD, et al. (2026) Molecular basis for protection and cross-protection by human antibodies targeting the parainfluenza virus hemagglutinin-neuraminidase protein. bioRxiv : the preprint server for biology.

Deconinck T, et al. (2026) Comparative evaluation of oncolytic viruses reveals opposing preferences for glioblastoma subtypes. Molecular therapy. Oncology, 34(3), 201263.

Verdaguer IB, et al. (2026) 4-nitrobenzoate inhibits 4-hydroxybenzoate polyprenyltransferase in malaria parasites and enhances atovaquone efficacy. FEBS letters, 600(2), 251.

Silberstein E, et al. (2026) CCL signaling drives T Cell-Macrophage crosstalk in the mouse colon during chronic *Trypanosoma cruzi* infection. *iScience*, 29(7), 116611.

Cheng C, et al. (2025) A Lung-Immune Dual-Humanized Mouse Using Cryopreserved Tissue Enables Infection and Immune Profiling of Human Common Cold Coronaviruses. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e12097.

Weiss A, et al. (2025) RNAi-mediated silencing of SOD1 profoundly extends survival and functional outcomes in ALS mice. *Molecular therapy : the journal of the American Society of Gene Therapy*, 33(8), 3917.

Vandemaele L, et al. (2025) High-throughput split-GFP antiviral screening assay against fusogenic paramyxoviruses. *Antiviral research*, 241, 106242.

Plowman T, et al. (2025) Primate retroelement exonization and sexually dimorphic IL13RA1 transcription tune type 2 immune responses. *Science immunology*, 10(109), eadr1105.

Wu X, et al. (2025) Development of a neutralization assay and bioluminescent imaging mouse model for Dehong virus (DEHV) using a pseudovirus system. *Microbiology spectrum*, 13(5), e0155724.

Demirci S, et al. (2024) BCL11A^{58/+55} enhancer-editing facilitates HSPC engraftment and HbF induction in rhesus macaques conditioned with a CD45 antibody-drug conjugate. *Cell stem cell*.

Costa TFR, et al. (2024) The ecotin-like peptidase inhibitor of *Trypanosoma cruzi* prevents TMPRSS2-PAR2-TLR4 crosstalk downmodulating infection and inflammation. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 38(6), e23566.

Won MM, et al. (2023) Proximity-Dependent Biotinylation and Identification of Flagellar Proteins in *Trypanosoma cruzi*. *mSphere*, 8(3), e0008823.

Onorini D, et al. (2023) *Neisseria gonorrhoeae* Coinfection during *Chlamydia muridarum* Genital Latency Does Not Modulate Murine Vaginal Bacterial Shedding. *Microbiology spectrum*, 11(3), e0450022.

Pagotti MC, et al. (2023) Exploring Synthetic Dihydrobenzofuran and Benzofuran Neolignans as Antiprotozoal Agents against *Trypanosoma cruzi*. *Pharmaceutics*, 15(3).

Caballero M, et al. (2023) Cross-protective antibodies against common endemic respiratory viruses. *Nature communications*, 14(1), 798.

Manjunath L, et al. (2023) APOBEC3B drives PKR-mediated translation shutdown and protects stress granules in response to viral infection. *Nature communications*, 14(1), 820.

Li Y, et al. (2023) Porcine Respirivirus 1 Suppresses Host Type I Interferon Production and the JAK-STAT Signaling Pathway. *Viruses*, 15(5).