Resource Summary Report

Generated by dkNET on Aug 26, 2026

L-M(TK-)

RRID:CVCL_4536
Type: Cell Line

Proper Citation

ATCC Cat# CCL-1.3, RRID:CVCL_4536

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4536

Proper Citation: ATCC Cat# CCL-1.3, RRID:CVCL_4536

Description: Cell line L-M(TK-) is a Spontaneously immortalized cell line with a species of origin Mus musculus (Mouse)

Sex: Male

Defining Citation: PMID:14056989, PMID:14109133

Category: Spontaneously immortalized cell line

Organism: Mus musculus (Mouse)

Name: L-M(TK-)

Synonyms: L-M[TK-], LM TK negative, L-M (TK-), L M (TK-), LM(TK-), LM(tk-), LM-TK-, LMTK-, L cells (TK-), L(TK-), L(tk-)

Cross References: CLO:CLO_0007138, CLO:CLO_0007337, CLO:CLO_0007352, CLO:CLO_0007353, CLDB:cl3075, CLDB:cl3096, CLDB:cl3097, CLDB:cl3098, ATCC:CCL-1.3, ATCC:CRL-2648, BCRC:60072, BCRJ:0148, CCRID:1102MOU-NIFDC00044, CCRID:4201MOU-CCTCC00002, CCTCC:GDC0002, CLS:305176, ECACC:90083001, IZSLER:BS CL 60, TOKU-E:2213, TOKU-E:3995, Wikidata:Q54900903

ID: CVCL_4536

Vendor: ATCC

Catalog Number: CCL-1.3

Hierarchy: cvcl_de17

Record Creation Time: 20220427T220713+0000

Record Last Update: 20260815T234437+0000

Ratings and Alerts

No rating or validation information has been found for L-M(TK-).

Warning: Discontinued: BCRJ; 0148

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Hill EM, et al. (2026) The active secretion of a subunit of IL-12 by tissue cells is regulated by Valosin-Containing Protein and intracellular calcium redistribution. bioRxiv : the preprint server for biology.

Ning G, et al. (2025) BCAS2 promotes primitive hematopoiesis by sequestering ?-catenin within the nucleus. eLife, 13.

Hayashi K, et al. (2024) Cell-cell contact-dependent secretion of large-extracellular vesicles from EFNBhigh cancer cells accelerates peritoneal dissemination. British journal of cancer, 131(6), 982.

Zhang R, et al. (2024) Analysis of Tumor-Associated AXIN1 Missense Mutations Identifies Variants That Activate ?-Catenin Signaling. Cancer research, 84(9), 1443.

Walter RJ, et al. (2022) Wnt signaling is boosted during intestinal regeneration by a CD44-positive feedback loop. Cell death & disease, 13(2), 168.

Takahashi Y, et al. (2022) Organoid-derived intestinal epithelial cells are a suitable model for preclinical toxicology and pharmacokinetic studies. iScience, 25(7), 104542.

Junyent S, et al. (2021) Assessing the Wnt-reactivity of cytonemes of mouse embryonic stem cells using a bioengineering approach. STAR protocols, 2(3), 100813.

Nomura T, et al. (2020) Changes in Wnt-Dependent Neuronal Morphology Underlie the Anatomical Diversification of Neocortical Homologs in Amniotes. Cell reports, 31(5), 107592.

Gumber D, et al. (2020) Selective activation of FZD7 promotes mesendodermal differentiation of human pluripotent stem cells. eLife, 9.

Petrov K, et al. (2020) Distinct Cation Gradients Power Cholesterol Transport at Different Key Points in the Hedgehog Signaling Pathway. Developmental cell, 55(3), 314.

Kyun ML, et al. (2020) Wnt3a Stimulation Promotes Primary Ciliogenesis through ?-Catenin Phosphorylation-Induced Reorganization of Centriolar Satellites. Cell reports, 30(5), 1447.

Schneidewind T, et al. (2019) The Pseudo Natural Product Myokinasib Is a Myosin Light Chain Kinase 1 Inhibitor with Unprecedented Chemotype. Cell chemical biology, 26(4), 512.

Liang CJ, et al. (2019) SFRPs Are Biphasic Modulators of Wnt-Signaling-Elicited Cancer Stem Cell Properties beyond Extracellular Control. Cell reports, 28(6), 1511.

Scott CC, et al. (2018) TFAP2 transcription factors are regulators of lipid droplet biogenesis. eLife, 7.

Saito-Diaz K, et al. (2018) APC Inhibits Ligand-Independent Wnt Signaling by the Clathrin Endocytic Pathway. Developmental cell, 44(5), 566.

Kim JA, et al. (2017) Structural Insights into Modulation of Neurexin-Neuroligin Trans-synaptic Adhesion by MDGA1/Neuroligin-2 Complex. Neuron, 94(6), 1121.

Kirsch N, et al. (2017) Angiopoietin-like 4 Is a Wnt Signaling Antagonist that Promotes LRP6 Turnover. Developmental cell, 43(1), 71.

Remy MM, et al. (2017) Interferon-?-Driven iNOS: A Molecular Pathway to Terminal Shock in Arenavirus Hemorrhagic Fever. Cell host & microbe, 22(3), 354.

Parodi J, et al. (2015) Wnt5a inhibits K(+) currents in hippocampal synapses through nitric oxide production. Molecular and cellular neurosciences, 68, 314.