

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

TCMK-1

RRID:CVCL_2772

Type: Cell Line

Proper Citation

KCLB Cat# 10139, RRID:CVCL_2772

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2772

Proper Citation: KCLB Cat# 10139, RRID:CVCL_2772

Description: Cell line TCMK-1 is a Transformed cell line with a species of origin Mus musculus (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:14120333](#), [PMID:14206435](#)

Category: Transformed cell line

Organism: Mus musculus (Mouse)

Name: TCMK-1

Synonyms: TCMK1, Transformed C3H Mouse Kidney-1

Cross References: BTO:BTO_0004231, CLO:CLO_0009284, CLDB:cl4493, ATCC:CCL-139, ECACC:90050802, KCLB:10139, Wikidata:Q54971886

ID: CVCL_2772

Vendor: KCLB

Catalog Number: 10139

Record Creation Time: 20220427T221621+0000

Record Last Update: 20260815T235941+0000

Ratings and Alerts

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

Warning: Discontinued: ECACC; 90050802

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Wang H, et al. (2025) SENP3 promotes renal tubular epithelial cell apoptosis after ischemia-reperfusion injury via ASS1 deSUMOylation. Cell death & disease, 17(1), 76.

Wu J, et al. (2025) Epigallocatechin Gallate Attenuates CaOx Crystal-Induced Renal Tubular Injury to Inhibit CaOx Nephrolithiasis via GRP94/PI3K/AKT Signaling. Biomaterials research, 29, 0271.

Zhang Q, et al. (2025) The extracellular-matrix-remodeling capability exposes therapeutic vulnerability in a subset of renal cell carcinomas with tumor thrombi. Developmental cell.

Huang Z, et al. (2025) Lipocalin-2 regulates astrocyte-oligodendrocyte interaction to drive post-stroke secondary demyelination. Cell reports, 44(7), 115899.

Liu J, et al. (2024) Integrin α 5 β 1 promotes macrophage alternative M2 polarization in hyperuricemia-related chronic kidney disease. MedComm, 5(7), e580.

Jia J, et al. (2023) Hederagenin ameliorates renal fibrosis in chronic kidney disease through blocking ISG15 regulated JAK/STAT signaling. International immunopharmacology, 118, 110122.

He XY, et al. (2023) Compound-42 alleviates acute kidney injury by targeting RIPK3-mediated necroptosis. British journal of pharmacology, 180(20), 2641.

Sorokin I, et al. (2017) Epidemiology of stone disease across the world. World journal of urology, 35(9), 1301.