

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

NCTC clone 929

RRID:CVCL_0462

Type: Cell Line

Proper Citation

CLS Cat# 400260, RRID:CVCL_0462

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0462

Proper Citation: CLS Cat# 400260, RRID:CVCL_0462

Description: Cell line NCTC clone 929 is a Spontaneously immortalized cell line with a species of origin *Mus musculus* (Mouse)

Sex: Male

Defining Citation: [PMID:4328993](#), [PMID:4471172](#), [PMID:4560675](#), [PMID:6298990](#), [PMID:13293658](#), [PMID:13431913](#), [PMID:13587550](#), [PMID:14185313](#), [PMID:18105872](#), [PMID:23430347](#), [PMID:31220119](#), [PMID:32218446](#), [PMID:33389257](#), [PMID:34737324](#)

Comments: Miscellaneous: PubMed=23430347 has a different value for STR 6-4 (16) than that of NIST (17,18) due to a change in the marker motif (personal communication of Almeida, Jamie L.)., Anecdotal: First established continuous cell line., Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Space-flown cell line (cellonaut).

Category: Spontaneously immortalized cell line

Organism: *Mus musculus* (Mouse)

Name: NCTC clone 929

Synonyms: NCTC 929, NCTC-929, NCTC929, NCTC-929L, L cell, L cells, L-cell, L-cells, L cell line, L, Strain L-929, L-929, L 929, L929, L929(NCTC), Clone 929, Earles's cells, Earle's L cells

Cross References: BTO:BTO_0000331, CLO:CLO_0007144, CLO:CLO_0007219, CLO:CLO_0007220, CLO:CLO_0007221, CLO:CLO_0008140, CLO:CLO_0050233, CLO:CLO_0050234, CLO:CLO_0050235, MCCL:MCC:0000359, CLDB:cl3154,

CLDB:cl3156, CLDB:cl3157, CLDB:cl3158, CLDB:cl3159, CLDB:cl3160, CLDB:cl3673, CLDB:cl3674, CLDB:cl3675, CLDB:cl3676, AddexBio:P0011012/5025, ATCC:CCL-1, ATCC:CRL-6364, BCRC:60091, BCRJ:0188, BioGRID_ORCS_Cell_line:1749, BioSample:SAMN11397622, CCLV:CCLV-RIE 0014, CCLV:CCLV-RIE 0287, CCRID:1101MOU-PUMC000403, CCRID:1102MOU-NIFDC00019, CCRID:3101MOUGNM28, CCRID:3101MOUSCSP5039, CCRID:4201MOU-CCTCC00034, CCRID:5301MOU-KCB92012YJ, CCTCC:GDC0034, ChEMBL-Cells:ChEMBL3307946, ChEMBL-Targets:ChEMBL612266, ChEMBL-Targets:ChEMBL612267, CLS:400260, DSMZ:ACC-2, DSMZCellDive:ACC-2, ECACC:85011425, ECACC:85103115, ECACC:88102702, FCS-free:8-5-530-1-3-3, FCS-free:8-5-9-1-3-3, IBRC:C10102, ICLC:ATL95001, IZSLER:BS CL 56, JCRB:IFO50409, JCRB:JCRB9003, KCB:KCB 92012YJ, KCLB:10001, Lonza:32, Lonza:937, MeSH:D007739, NCBI_Iran:C161, PubChem_Cell_line:CVCL_0462, RCB:RCB0081, RCB:RCB1422, RCB:RCB1451, RCB:RCB2619, TKG:TKG 0217, TOKU-E:3695, Ubigen:YC-C091, Wikidata:Q28335098

ID: CVCL_0462

Vendor: CLS

Catalog Number: 400260

Record Creation Time: 20220624T071038+0000

Record Last Update: 20260830T000518+0000

Ratings and Alerts

No rating or validation information has been found for NCTC clone 929.

Warning: Discontinued: ATCC; CRL-6364

Miscellaneous: PubMed=23430347 has a different value for STR 6-4 (16) than that of NIST (17,18) due to a change in the marker motif (personal communication of Almeida, Jamie L.), Anecdotal: First established continuous cell line., Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Space-flown cell line (cellonaut). **Warning:** Discontinued: RCB; RCB0081

Miscellaneous: PubMed=23430347 has a different value for STR 6-4 (16) than that of NIST (17,18) due to a change in the marker motif (personal communication of Almeida, Jamie L.), Anecdotal: First established continuous cell line., Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Space-flown cell line (cellonaut).

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 4101 mentions in open access literature.

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

He G, et al. (2026) Bimetallic Peroxide Nanocomposites-Driven Redox Dyshomeostasis to Activate Sequential Cuproptosis and Pyroptosis for Amplified Tumor Immunotherapy. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(18), e12470.

Besli N, et al. (2026) Carvacrol Selectively Induces Mitochondria-Related Apoptotic Signaling in Primary Breast Cancer-Associated Fibroblasts. *Pharmaceuticals* (Basel, Switzerland), 19(1).

Sahu AP, et al. (2026) Tumor-associated macrophages promote ferroptosis resistance in glioblastoma by stimulating iron-loaded extracellular vesicle release. *Journal of neuro-oncology*, 177(2).

Wu Y, et al. (2026) Inhibiting MDM2 enhances RIPK3-mediated necroptosis and synergizes with immune checkpoint blockade therapy. *iScience*, 29(5), 115724.

Diaz-Del-Olmo I, et al. (2026) Salmonella effector SteE reprograms the macrophage regulatory network to drive specific hyperactivation of STAT3 target genes. *Molecular cell*, 86(10), 1979.

Arnett E, et al. (2026) Mycobacterium tuberculosis subverts macrophage-mediated defense through exploitation of the Zn transporter ZIP8. *iScience*, 29(6), 116276.

Kaur H, et al. (2026) Dynamicity of Topoisomerase 1 binding at super-enhancers regulates TLR-responsive gene expression program in macrophages. *Cell reports*, 45(7), 117604.

Cheng S, et al. (2026) Collagenase-Coated Polymeric Drug/siRNA Nanoparticles Overcome ECM and Regulate Metabolic Reprogramming of Fibroblasts for Alleviating Pulmonary Fibrosis. *Small* (Weinheim an der Bergstrasse, Germany), e12872.

Monajati M, et al. (2026) A Novel Synergistic Carvacrol-Graphene Oxide-Chitosan Nanocomposite for Effective Root Canal Disinfection. *International journal of dentistry*, 2026, 4667597.

Chen X, et al. (2026) Injectable dual-drug hydrogel containing curcumin and glycyrrhizic acid for biofilm inhibition and immunomodulatory therapy in periodontitis. *Journal of nanobiotechnology*, 24(1).

Li Y, et al. (2026) Au clusterzymes encapsulated in nanogel activated by alternating magnetic field to promote white fat browning and combat obesity. *Journal of nanobiotechnology*, 24(1).

Mertens F, et al. (2026) Identification of small-molecule autophagy activators via GFP-LC3 high-throughput screening and a cargo-based autophagy flux and processing assay. *European journal of pharmacology*, 1026, 178958.

Weerasopon K, et al. (2026) Loss of Ezh2 promotes M2-like macrophage polarization in hepatocellular carcinoma. *iScience*, 29(4), 115180.

Dos Santos CHT, et al. (2026) Amides from *Porcelia ponderosa* Roots Display Efficacy In Vitro Against Intracellular Amastigotes of *Trypanosoma cruzi*. *Chemistry & biodiversity*, 23(2), e03258.

Zhang J, et al. (2026) Intravesical instillation of pirfenidone/polydopamine nanoparticles for managing neurogenic bladder post-spinal cord injury by alleviating bladder inflammation and fibrosis. *Journal of nanobiotechnology*, 24(1), 154.

Sales FS, et al. (2026) Seasonal Dynamics of the Essential Oil Constituents from the Aerial Parts of *Vernonanthura polyanthes* (Asteraceae) and Their Anti-*Leishmania infantum* Potential: A Multimethodological Approach. *Plants* (Basel, Switzerland), 15(5).

Zhu Z, et al. (2026) An Immunocompatible Conductive Hydrogel Via Anion-?? Interlocking as an Injectable Bridge for Sustained Bioelectronic Interfacing. *Advanced materials* (Deerfield Beach, Fla.), 38(21), e72820.

Chen Q, et al. (2026) Real-Time In Vivo Visualization of Tumor-Associated Macrophage Reprogramming Using a Nitric Oxide-Activatable NIR-II Nanoinducer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(29), e24367.

Yu H, et al. (2026) p300 Degradation by the p53-SIAH1 Axis Relieves TBK1 Acetylation to Enhance Innate Antiviral Immunity. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e76101.

Tang Z, et al. (2026) Artificial Skin Dressing With pH-Switchable Nanozyme Activity for Bidirectional ROS Regulation in Infected Diabetic Wound Management. *Small* (Weinheim an der Bergstrasse, Germany), 22(41), e74014.