

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

DC2.4

RRID:CVCL_J409

Type: Cell Line

Proper Citation

Hysigen Cat# TCM-C832, RRID:CVCL_J409

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_J409

Proper Citation: Hysigen Cat# TCM-C832, RRID:CVCL_J409

Description: Cell line DC2.4 is a Transformed cell line with a species of origin Mus musculus (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:9058806](#)

Category: Transformed cell line

Organism: Mus musculus (Mouse)

Name: DC2.4

Synonyms: DC 2.4

Cross References: EFO:EFO_0022830, CLS:305515, Hysigen:TCM-C832, Millipore:SCC142, Wikidata:Q54828620

ID: CVCL_J409

Vendor: Hysigen

Catalog Number: TCM-C832

Record Creation Time: 20260408T072943+0000

Record Last Update: 20260802T010620+0000

Ratings and Alerts

No rating or validation information has been found for DC2.4.

No alerts have been found for DC2.4.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 260 mentions in open access literature.

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

Ma T, et al. (2025) Pan-Cancer Analyses Refine the Single-Cell Portrait of Tumor-Infiltrating Dendritic Cells. *Cancer research*, 85(19), 3596.

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.

Xu S, et al. (2025) Dual STING activation and CD47/SIRP? blockade via chitooligosaccharide-based nanoparticles to amplify antitumor immunity. *Journal of controlled release : official journal of the Controlled Release Society*, 387, 114235.

Sun G, et al. (2025) Soft-Drug-Inspired MnSTF Nano-Adjuvant for Safe and Synergistic cGAS-STING Activation in Tumor Immunotherapy. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e15432.

Wu J, et al. (2025) Novel Swelling-Lytic Cell Death Triggered by Cargo-Free Ionizable Lipid Nanoparticles. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e09208.

Zhang M, et al. (2025) Multi-Architecture Nanovaccines Against Pseudorabies Virus and Particle Size-Governed Immune Activation Mechanisms. *Advanced healthcare materials*, e03382.

Shang L, et al. (2024) Mitochondrial DNA-boosted dendritic cell-based nanovaccination triggers antitumor immunity in lung and pancreatic cancers. *Cell reports. Medicine*, 5(7), 101648.

Yu Y, et al. (2024) Combining VPS34 inhibitors with STING agonists enhances type I interferon signaling and anti-tumor efficacy. *Molecular oncology*, 18(8), 1904.

Cao M, et al. (2024) In situ label-free X-ray imaging for visualizing the localization of nanomedicines and subcellular architecture in intact single cells. *Nature protocols*, 19(1), 30.

Hernandez-Franco JF, et al. (2024) Intradermal vaccination with a phytoglycogen nanoparticle and STING agonist induces cytotoxic T lymphocyte-mediated antitumor

immunity. NPJ vaccines, 9(1), 149.

Zhao R, et al. (2024) cGAS-activated endothelial cell-T cell cross-talk initiates tertiary lymphoid structure formation. Science immunology, 9(98), eadk2612.

Liu AR, et al. (2024) NF- κ B c-Rel is a critical regulator of TLR7-induced inflammation in psoriasis. EBioMedicine, 110, 105452.

Kim HY, et al. (2024) Specific targeting of cancer vaccines to antigen-presenting cells via an endogenous TLR2/6 ligand derived from cysteinyl-tRNA synthetase 1. Molecular therapy : the journal of the American Society of Gene Therapy, 32(10), 3597.

Zhou S, et al. (2023) Reprogramming systemic and local immune function to empower immunotherapy against glioblastoma. Nature communications, 14(1), 435.

Wang F, et al. (2023) Gain of function of IDO in DCs inhibits T cell immunity by metabolically regulating surface molecules and cytokines. Experimental and therapeutic medicine, 25(5), 234.

Ben-Akiva E, et al. (2023) Biodegradable lipophilic polymeric mRNA nanoparticles for ligand-free targeting of splenic dendritic cells for cancer vaccination. Proceedings of the National Academy of Sciences of the United States of America, 120(26), e2301606120.

Yu YB, et al. (2023) A Nanoparticle-Based Anticaries Vaccine Enhances the Persistent Immune Response To Inhibit Streptococcus mutans and Prevent Caries. Microbiology spectrum, 11(2), e0432822.

Xu J, et al. (2023) CCR7 Mediated Mimetic Dendritic Cell Vaccine Homing in Lymph Node for Head and Neck Squamous Cell Carcinoma Therapy. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 10(17), e2207017.

Ji A, et al. (2023) Lipid Microparticles Show Similar Efficacy With Lipid Nanoparticles in Delivering mRNA and Preventing Cancer. Pharmaceutical research, 40(1), 265.

Wo J, et al. (2023) Engineering probiotic-derived outer membrane vesicles as functional vaccine carriers to enhance immunity against SARS-CoV-2. iScience, 26(1), 105772.