

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

CT29

RRID:CVCL_A7BA

Type: Cell Line

Proper Citation

RCB Cat# RCB4937, RRID:CVCL_A7BA

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_A7BA

Proper Citation: RCB Cat# RCB4937, RRID:CVCL_A7BA

Description: Cell line CT29 is a Somatic stem cell with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:29249463](#)

Comments: Senescence: Senescences at 150 PDL (RCB=RCB4937)., Characteristics: Trophoblast stem cell line.

Category: Somatic stem cell

Organism: Homo sapiens (Human)

Name: CT29

Synonyms: TS^(CT)#2

Cross References: RCB:RCB4937, Wikidata:Q107114738

ID: CVCL_A7BA

Vendor: RCB

Catalog Number: RCB4937

Record Creation Time: 20220427T215526+0000

Record Last Update: 20260829T231932+0000

Ratings and Alerts

No rating or validation information has been found for CT29.

No alerts have been found for CT29.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Shaha SZ, et al. (2026) aPKC-?? III promotes trophoblast fusion by altering Par-3 interactions with Hippo signaling kinase LATS1. Stem cell reports, 21(7), 102975.

Jabeen M, et al. (2025) A quantitative image analysis platform for assessing trophoblast differentiation. Placenta, 166, 117.

Karakis V, et al. (2025) Derivation of human trophoblast stem cells from placentas at birth. bioRxiv : the preprint server for biology.

Karakis V, et al. (2025) Derivation of human trophoblast stem cells from placentas at birth. The Journal of biological chemistry, 301(6), 108505.

Shannon MJ, et al. (2024) Single-cell assessment of primary and stem cell-derived human trophoblast organoids as placenta-modeling platforms. Developmental cell, 59(6), 776.

Logsdon DM, et al. (2024) Transcriptome comparisons of trophoblasts from regenerative cell models with peri-implantation human embryos. Biology of reproduction.

Karakis V, et al. (2023) Laminin switches terminal differentiation fate of human trophoblast stem cells under chemically defined culture conditions. The Journal of biological chemistry, 299(5), 104650.