

Resource Summary Report

Generated by [NIF](#) on Aug 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: 20260725T232441+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 6 mentions in open access literature.

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

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.