

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

HT29-18-N2

RRID:CVCL_5942

Type: Cell Line

Proper Citation

RRID:CVCL_5942

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5942

Proper Citation: RRID:CVCL_5942

Description: Cell line HT29-18-N2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Colon adenocarcinoma

Defining Citation: [PMID:2154122](#), [PMID:3360261](#), [PMID:3611191](#), [PMID:8589882](#), [PMID:12388101](#)

Comments: Characteristics: Mucus-secreting clone of parent cell line. When grown in the absence of glucose they form homogeneous epithelial monolayers of columnar cells with typical goblet cell morphology (PubMed=3360261)., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HT29-18-N2

Synonyms: HT29-18N2, HT-29-18 N2, N2

Cross References: cancercellines:CVCL_5942, Wikidata:Q54896589

ID: CVCL_5942

Hierarchy: cvcl_5940

Record Creation Time: 20220427T220618+0000

Record Last Update: 20260905T180811+0000

Ratings and Alerts

No rating or validation information has been found for HT29-18-N2.

No alerts have been found for HT29-18-N2.

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 [RRID](#) .

Wojnacki J, et al. (2023) Tetraspanin-8 sequesters syntaxin-2 to control biphasic release propensity of mucin granules. *Nature communications*, 14(1), 3710.

Cantero-Recasens G, et al. (2022) The ulcerative colitis-associated gene FUT8 regulates the quantity and quality of secreted mucins. *Proceedings of the National Academy of Sciences of the United States of America*, 119(43), e2205277119.

Cantero-Recasens G, et al. (2022) Reversing chemorefraction in colorectal cancer cells by controlling mucin secretion. *eLife*, 11.

Bredeck G, et al. (2022) Tiered testing of micro- and nanoplastics using intestinal in vitro models to support hazard assessments. *Environment international*, 158, 106921.

Cantero-Recasens G, et al. (2019) Sodium channel TRPM4 and sodium/calcium exchangers (NCX) cooperate in the control of Ca²⁺-induced mucin secretion from goblet cells. *The Journal of biological chemistry*, 294(3), 816.

Cantero-Recasens G, et al. (2018) KChIP3 coupled to Ca²⁺ oscillations exerts a tonic brake on baseline mucin release in the colon. *eLife*, 7.