

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

HT-29-MTX

RRID:CVCL_6834

Type: Cell Line

Proper Citation

RRID:CVCL_6834

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_6834

Proper Citation: RRID:CVCL_6834

Description: Cell line HT-29-MTX is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Colon adenocarcinoma

Defining Citation: [PMID:12820722](#)

Comments: Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HT-29-MTX

Synonyms: HT-29 MTX, HT29-MTX

Cross References: BTO:BTO_0001565, cancercelllines:CVCL_6834, Wikidata:Q54896518

ID: CVCL_6834

Hierarchy: cvcl_0320

Record Creation Time: 20220427T220617+0000

Record Last Update: 20260920T004125+0000

Ratings and Alerts

No rating or validation information has been found for HT-29-MTX.

No alerts have been found for HT-29-MTX.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 162 mentions in open access literature.

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

Kang X, et al. (2025) Extrachromosomal DNA replication and maintenance couple with DNA damage pathway in tumors. *Cell*, 188(13), 3405.

Fusco A, et al. (2023) In Vitro Evaluation of the Most Active Probiotic Strains Able to Improve the Intestinal Barrier Functions and to Prevent Inflammatory Diseases of the Gastrointestinal System. *Biomedicines*, 11(3).

Alessandri G, et al. (2023) Identification of a prototype human gut *Bifidobacterium longum* subsp. *longum* strain based on comparative and functional genomic approaches. *Frontiers in microbiology*, 14, 1130592.

Scurti E, et al. (2023) In Vitro Characterization and Real-Time Label-Free Assessment of the Interaction of Chitosan-Coated Niosomes with Intestinal Cellular Monolayers. *Langmuir : the ACS journal of surfaces and colloids*, 39(23), 8255.

Krone L, et al. (2023) Chitinase A, a tightly regulated virulence factor of *Salmonella enterica* serovar Typhimurium, is actively secreted by a Type 10 Secretion System. *PLoS pathogens*, 19(4), e1011306.

Uberti F, et al. (2023) Developing New Cyclodextrin-Based Nanosponges Complexes to Improve Vitamin D Absorption in an In Vitro Study. *International journal of molecular sciences*, 24(6).

Costa EM, et al. (2023) Carboxymethyl Cellulose as a Food Emulsifier: Are Its Days Numbered? *Polymers*, 15(10).

Al-Momani H, et al. (2023) The efficacy of biosynthesized silver nanoparticles against *Pseudomonas aeruginosa* isolates from cystic fibrosis patients. *Scientific reports*, 13(1), 8876.

Christensen B, et al. (2023) Naturally Occurring N-Terminal Fragments of Bovine Milk Osteopontin Are Transported across Models of the Intestinal Barrier. *Biomedicines*, 11(3).

Taranu I, et al. (2022) Yeast-Fermented Rapeseed Meal Extract Is Able to Reduce Inflammation and Oxidative Stress Caused by *Escherichia coli* Lipopolysaccharides and to Replace ZnO in Caco-2/HTX29 Co-Culture Cells. *International journal of molecular*

sciences, 23(19).

Moldovan CV, et al. (2022) Synthetic Flavonoid BrCl-Flav-An Alternative Solution to Combat ESKAPE Pathogens. *Antibiotics* (Basel, Switzerland), 11(10).

Pang Y, et al. (2022) Extracellular membrane vesicles from *Limosilactobacillus reuteri* strengthen the intestinal epithelial integrity, modulate cytokine responses and antagonize activation of TRPV1. *Frontiers in microbiology*, 13, 1032202.

Di Cristo L, et al. (2022) Grouping of orally ingested silica nanomaterials via use of an integrated approach to testing and assessment to streamline risk assessment. *Particle and fibre toxicology*, 19(1), 68.

Silva AM, et al. (2022) Insights into the 3D In Vitro Permeability and In Vivo Antioxidant Protective Effects of Kiwiberry Leaf Extract: A Step Forward to Human Nutraceutical Use. *International journal of molecular sciences*, 23(22).

Corona-Escalera AF, et al. (2022) Enzymatic Crosslinked Hydrogels of Gelatin and Poly (Vinyl Alcohol) Loaded with Probiotic Bacteria as Oral Delivery System. *Pharmaceutics*, 14(12).

García-Díaz M, et al. (2022) Mimicking the Intestinal Host-Pathogen Interactions in a 3D In Vitro Model: The Role of the Mucus Layer. *Pharmaceutics*, 14(8).

Bodin-Thomazo N, et al. (2022) Formation and stabilization of multiple w/o/w emulsions encapsulating catechin, by mechanical and microfluidic methods using a single pH-sensitive copolymer: Effect of copolymer/drug interaction. *International journal of pharmaceutics*, 622, 121871.

Poirier M, et al. (2022) Effects of Five Filamentous Fungi Used in Food Processes on In Vitro and In Vivo Gut Inflammation. *Journal of fungi* (Basel, Switzerland), 8(9).

Heffernan S, et al. (2022) Blue Whiting (*Micromesistius poutassou*) Protein Hydrolysates Increase GLP-1 Secretion and Proglucagon Production in STC-1 Cells Whilst Maintaining Caco-2/HT29-MTX Co-Culture Integrity. *Marine drugs*, 20(2).

Mittag A, et al. (2022) Effects of Zinc Oxide Nanoparticles on Model Systems of the Intestinal Barrier. *Toxics*, 10(2).