

Resource Summary Report

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

HCT 116 MLH1(+/-)

RRID:CVCL_HD84

Type: Cell Line

Proper Citation

RRID:CVCL_HD84

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_HD84

Proper Citation: RRID:CVCL_HD84

Description: Cell line HCT 116 MLH1(+/-) is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Colon carcinoma

Defining Citation: [PMID:17082796](#)

Comments: Characteristics: HCT 116 has a point mutation C755A in exon 9 of MLH1. This cell line is knockin by homologous recombination of the wild-type MLH1 in 1 of the 2 alleles., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HCT 116 MLH1(+/-)

Synonyms: MLH1 (+/-) HCT116, BVEC-E2, Bipartite Vector Exon 9 Corrected clone E2

Cross References: cancercellines:CVCL_HD84, Horizon_Discovery:HD+104-006, Wikidata:Q54881964

ID: CVCL_HD84

Hierarchy: cvcl_0291

Record Creation Time: 20220427T220321+0000

Record Last Update: 20260905T180224+0000

Ratings and Alerts

No rating or validation information has been found for HCT 116 MLH1(+/-).

No alerts have been found for HCT 116 MLH1(+/-).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Albuquerque PBS, et al. (2025) Combining in silico and in vitro approaches for understanding the mechanism of action of the galactomannan extracted from *Cassia grandis* seeds against colorectal cancer. *International journal of biological macromolecules*, 284(Pt 1), 137909.

Castro J, et al. (2025) A Potent, Selective, Small-Molecule Inhibitor of DHX9 Abrogates Proliferation of Microsatellite Instable Cancers with Deficient Mismatch Repair. *Cancer research*, 85(4), 758.

Manzoor S, et al. (2022) MLH1 mediates cytoprotective nucleophagy to resist 5-Fluorouracil-induced cell death in colorectal carcinoma. *Neoplasia (New York, N.Y.)*, 24(2), 76.