

Product sheet

**HCT116 | 300195**

**General Information**

**Description** HCT116 is a cell line derived from a colorectal adenocarcinoma. It is characterized by its ability to grow in suspension and its sensitivity to various chemotherapeutic agents. The cell line is widely used in research to study the effects of drugs on cancer cells and to investigate the mechanisms of drug resistance. HCT116 cells are known for their high proliferation rate and their ability to form colonies in soft agar. The cell line is maintained in a medium containing 10% fetal bovine serum (FBS) and is typically grown in T75 flasks. HCT116 cells are a valuable tool for studying the effects of various treatments on cancer cells and for investigating the mechanisms of drug resistance.

**Organism** *Escherichia coli*

**Tissue** Colon

**Disease** Colorectal adenocarcinoma

**Synonyms** HCT-116, HCT.116, HCT\_116, HCT\_116, HCT-116, CoCL2

**Characteristics**

**Age** 48 days

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Adherent, epithelial

**Growth properties** High proliferation rate, sensitive to various chemotherapeutic agents

**References and Accession**

**Citation** HCT116 (ATCC CCL-229) | ATCC

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellSaurusAccession** CVCL\_0291





XXXXXXXX HCT116 | 300195

---

XXXXXXXX HLA

- A\*: '01:01:01, '02:01:01
- B\*: '18:01:01, '21:01:01
- C\*: '05:01:01, '07:01:01
- DRB1\*: '03:01:01, '11:02:01
- DQA1\*: '05:01:01, '05:05:01
- DQB1\*: '02:01:01, '03:19:01
- DPB1\*: '03:01:01:01XX'04:02:01X
- E: '01:01, '01:03