

Product sheet

CLS-54 | 300227

General Information

<b>Description</b>	Cell line derived from a 65-year-old male patient with a primary tumor of the colon, established in 1998. Cell line CLS.
<b>Organism</b>	Human
<b>Tissue</b>	Colon
<b>Disease</b>	Colorectal adenocarcinoma

Characteristics

<b>Age</b>	65 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial cells
<b>Growth properties</b>	Adherent

Identification and Classification

<b>Citation</b>	CLS-54 (ATCC CCL-222) (300227)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_5728

Genetic and Molecular Data

<b>Tumorigenic</b>	Yes, in nude mice
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Additional Information

CLS-54 | 300227

**Culture Medium** RPMI 1640 2.0  $\times$  2.0  $\times$  2.0  $\times$  2.0  $\times$  2.0  $\times$  2.0 NaHCO<sub>3</sub> (820700a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** PBS

**Seeding density**  $1 \times 10^4$

**Fluid renewal** 3-5

**Post-Thaw Recovery** 24

**Freeze medium** FBS + 10% DMSO

- 1. Thawing and Culturing Cells
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

**Incubation Atmosphere** 37

CLS-54 | 300227

Flask Coating

Flask coating information

Freezing Procedure

Freezing procedure information

Shipping Conditions

Shipping conditions information

Storage Conditions

Storage conditions information

HLA

Sterility

Sterility information

HLA

- C\*: '03:04:01, '04:01:01
- DRB1\*: '04:02:01, '07:01:01
- DQA1\*: '02:01:01, '03:01:01
- DQB1\*: '02:02:01, '03:02:01
- DPB1\*: '04:01:01, '11:01:01
- E: '01:01:01, '01:03:01