

Product sheet

SH-77 | 305498

SH-77

Description SH-77 is a cell line derived from a patient with Small Cell Lung Cancer (SCLC). It is a highly proliferative cell line that grows in suspension. SH-77 is a cell line derived from a patient with Cervical Cancer (CCLE). It is a highly proliferative cell line that grows in suspension.

Organism Human

Tissue Cervix uteri

Disease Cervical cancer

Applications Cell line for research

Synonyms SH77, SH-77

SH-77

Age 54 years

Gender Female

Ethnicity Caucasian

Morphology Epithelial

Cell type Cervix uteri

Growth properties Growth: High proliferation rate, anchorage dependent, adherent

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Citation SH-77 (SH-77 | 305498)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1693

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Cell Line

Antigen expression CD56⁺CD57⁺ (HNK-1⁻)

Tumorigenic Yes

Mutational profile ABL1 p.Val1128Glu (c.3383T>A), RAC1 p.Tyr32Cys (c.95A>G), TP53 p.Cys176Trp

Media

Culture Medium RPMI 1640 2.0 mM L-glutamine 2.0 mM NaHCO₃ (820700a)

Supplements 10% FBS

Doubling time 85 days

Fluid renewal 2-3 times per week

Freeze medium 10% DMSO + 90% FBS

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Resuspend cells in 10 ml of culture medium.
4. Seed cells into a T75 flask at 70% confluency.
5. Incubate cells for 15 days.
6. Harvest cells at 8 days.
7. Seed cells into a T75 flask at 10% confluency.
8. Harvest cells at 37 days.

