

Product sheet

HS-683 | 300213

General Information

Description	HS-683 is a human glioblastoma cell line derived from a 76-year-old male patient. It is a highly proliferative, undifferentiated neuroepithelial tumor. The cell line is characterized by its high growth rate and its ability to form neurospheres. It is a highly invasive cell line that is resistant to many chemotherapeutic agents. The cell line is characterized by its high growth rate and its ability to form neurospheres. It is a highly invasive cell line that is resistant to many chemotherapeutic agents.
Organism	Human
Tissue	Brain
Disease	Glioblastoma
Synonyms	HS 683, Hs 683, Hs-683, Hs683, HS683, Hs 683.T, HS 683T, Hs683T

Cell Line Characteristics

Age	76 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Highly proliferative

Identification and Accession

Citation	HS-683 (Cytion 300213)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0844

Additional Information

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not shake the vial. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of medium.
3. Seed the cells into a 96-well plate (196 µl per well) at a concentration of 100,000 cells per well.
4. Incubate the cells at 37°C with 5% CO₂ for 24 hours.
5. Harvest the cells and analyze by flow cytometry.
6. Wash the cells with PBS and stain for 10 minutes.
7. Analyze the cells by flow cytometry.
8. Repeat the experiment for 3 independent replicates.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium, 10 minutes

Freezing Procedure Wash cells with PBS, centrifuge at 300 x g for 3 minutes, resuspend in 150 µl of freezing medium, freeze at -80°C.

Shipping Conditions Store at -80°C, protect from light.

Storage Conditions Store at -150°C for 196 µl per well.

HLA

Sterility Sterilize by autoclaving at 121°C for 15 minutes. PCR products are sterile.

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██████HLA

A*: '32:01:01

B*: 07:02:01, 44:02:01

C*: 05:01:01, 07:02:01

DRB1*: 08:01:01, 12:01:01

DQA1*: 04:01:01, 05:05:01

DQB1*: '03:01:01, '04:02:01

DPB1*: '02:01:02, '03:01:01

E: 01:01:01