

SNU-449 | 305429

General information

Description	SNU-449 is a human gastric cancer cell line (HCC) derived from a 52-year-old female patient. It is a highly proliferative, anchorage-dependent cell line that grows in the form of monolayers. SNU-449 cells are characterized by their high tumorigenicity in nude mice and their sensitivity to various chemotherapeutic agents. SNU-449 cells are derived from a primary tumor and are maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS). SNU-449 cells are highly tumorigenic and are used for studying the biology of gastric cancer and for testing new therapeutic strategies.
Organism	Human
Tissue	Gastric cancer
Disease	Gastric cancer, Adenocarcinoma
Synonyms	SNU449, NCI-SNU-449

Cell characteristics

Age	52 years
Gender	Female
Ethnicity	Chinese
Morphology	Epithelial cells
Growth properties	Highly proliferative

Cell line identification

Citation	SNU-449 (NCI SNU-449) Cytion 305429
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0454

Cell line availability

XXX SNU-449 | 305429

Viruses	HBV
Mutational profile	ARID1A, p.Glu2250Argfs*28 (c.6747dupA); AXIN1, p.Arg712Ter (c.2134C>T), TP53, p.Lys105His (c.315G>A), TP53, p.Ala161Thr (c.481G>A),
Cell Line	HEK293T
Culture Medium	RPMI 1640, w: 2.0 mM , w: 2.0 g/L NaHCO3 (Cytion 820700a)
Supplements	10% FBS , 2.5 / 25 HEPES
Dissociation Reagent	
Freeze medium	(FBS) + 10% DMSO
Thawing and Culturing Cells	1. 2. 3. 4. 5. 6. 7. 8.
Incubation Atmosphere	37°C, 5%CO2,
Flask Coating	

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**Freezing
Procedure**

Das Produkt sollte in einem Gefrierbehälter bei -78°C gefroren werden.

**Shipping
Conditions**

Das Produkt sollte bei -78°C transportiert werden.

**Storage
Conditions**

Das Produkt sollte bei -150 bis 196°C gelagert werden.

Das Produkt ist steril und frei von Mykoplasmata.

Sterility

Das Produkt wurde mittels PCR getestet und ist frei von Mykoplasmata.
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