

SW1271 | 305880

SW1271

Description	SW1271 is a human small cell lung carcinoma (SCLC) cell line. It is derived from a 69-year-old male patient with a primary tumor in the right lung. The cell line is characterized by its high growth rate and its ability to form neuroendocrine tumors. It is a good model for studying the biology of SCLC and for testing new therapies. SW1271 is a good model for studying the biology of SCLC and for testing new therapies. SW1271 is a good model for studying the biology of SCLC and for testing new therapies.
-------------	--

Organism	Human
Tissue	Lung
Disease	Small cell lung carcinoma
Synonyms	SW-1271, SW 1271

SW1271

Age	69 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Cell type	Small cell lung carcinoma
Growth properties	High growth rate

SW1271

Citation	SW1271 (Cytion 305880)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1716

SW1271 | 305880

Cell line: SW1271

Antigen expression	CD45 ⁺ ; Rh +
--------------------	--------------------------

Mutational profile	NRAS, p.Gln61Arg (c.182A>G), SMARCA4, p.Asn774Lys (c.2322C>A),
--------------------	--

Cell line

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L, w: 2.5 mM L-Ascorbic acid, w: 15 mM HEPES, w: 0.5 mM, w: 1.2 g/L NaHCO ₃ 820400a)
----------------	--

Supplements	10% FBS, AB, 5µg/mL
-------------	---------------------

Dissociation Reagent	
----------------------	--

Fluid renewal	2-3
---------------	-----

Freeze medium	(FBS) + 10% DMSO
---------------	------------------

Thawing and Culturing Cells	1. Thaw cells rapidly in a water bath at 37°C. Transfer cells to a sterile tube and centrifuge at 300 x g for 5 minutes. Remove supernatant and resuspend cells in 1 mL of complete medium. Seed cells into a 24-well plate (1.5 x 10⁶ cells per well) and incubate for 24 hours. 2. After 24 hours, replace the medium with fresh complete medium. 3. Seed cells into a 96-well plate (1.5 x 10⁵ cells per well) and incubate for 24 hours. 4. After 24 hours, replace the medium with fresh complete medium. 5. Seed cells into a 24-well plate (1.5 x 10⁶ cells per well) and incubate for 24 hours. 6. After 24 hours, replace the medium with fresh complete medium. 7. Seed cells into a 96-well plate (1.5 x 10⁵ cells per well) and incubate for 24 hours. 8. After 24 hours, replace the medium with fresh complete medium.
-----------------------------	--

XXXXX SW1271 | 305880

Incubation Atmosphere 37°C, 5% CO₂, 

Flask Coating

Shipping Conditions

[illegible]

XIX XIX XIX XIX

Sterility