

SW-1573 | 305644

SW-1573

Description	SW-1573 is a human non-small cell lung carcinoma (NSCLC) cell line derived from a 44-year-old male patient. It is a highly tumorigenic, anchorage-dependent cell line that grows in the form of epithelial cell clusters. SW-1573 is a NSCLC cell line. SW-1573 is a highly tumorigenic, anchorage-dependent cell line that grows in the form of epithelial cell clusters. SW-1573 is a NSCLC cell line.
Organism	Human
Tissue	Lung
Disease	Non-small cell lung carcinoma, Adenocarcinoma
Applications	Cell-based assays, Drug screening, Tumor models
Synonyms	SW-1573, SW 1573

SW-1573

Age	44 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial
Growth properties	Highly tumorigenic, anchorage-dependent

SW-1573

Citation	SW-1573 (Cytion 305644)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1720

SW-1573 | 305644

Cell line: SW-1573

Antigen expression	CDK2, Rh +
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Mutational profile	CDKN2A, SMAD4, CTNNB1, p.Ser33Phe (c.98C>T), (c.331A>G), SMARCB1, c.362+1G>C, SMARCB1=Cytion 820700a (Cosmic-CLP=724878)
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Cell line

Culture Medium	RPMI 1640, w: 2.0 mM NaHCO_3 (Cytion 820700a)
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Supplements	10% FBS
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Dissociation Reagent	Trypsin
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Doubling time	23 days
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Freeze medium	10% FBS + 10% DMSO (Cytion 820700a)
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Thawing and Culturing Cells	1. Thaw cells in a water bath at 37°C, add to a culture flask with 10% FBS medium, and incubate for 24 hours. 2. After 24 hours, remove the medium and replace it with fresh 10% FBS medium. 3. After 48 hours, remove the medium and replace it with fresh 10% FBS medium. 4. After 72 hours, remove the medium and replace it with fresh 10% FBS medium. 5. After 96 hours, remove the medium and replace it with fresh 10% FBS medium. 6. After 120 hours, remove the medium and replace it with fresh 10% FBS medium. 7. After 144 hours, remove the medium and replace it with fresh 10% FBS medium. 8. After 168 hours, remove the medium and replace it with fresh 10% FBS medium.
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XXXXX SW-1573 | 305644

Incubation Atmosphere 37°C, 5% CO₂,

Flask Coating

Freezing Procedure

Shipping Conditions                             

Storage Conditions 保持乾燥，避光，密封，於 25°C 以下保存。有效期為 18 個月。

Sterility

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