

Product sheet

SW-1573 | 305644

SW-1573

Description
SW-1573 is a cell line derived from a patient with Non-Small Cell Lung Cancer (NSCLC). It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. SW-1573 is a NSCLC cell line. SW-1573 is a highly tumorigenic cell line that grows in soft agar, forms xenografts in immunodeficient mice, and is capable of forming lung metastases in immunodeficient mice.

Organism Human

Tissue Lung

Disease Non-Small Cell Lung Cancer, Lung Adenocarcinoma

Applications Cell culture, drug screening, xenograft formation

Synonyms SW-1573, SW 1573

Characteristics

Age 44 years

Gender Male

Ethnicity Chinese

Morphology Epithelial

Growth properties Adherent

References

Citation SW-1573 (Cell Culture) Cytion 305644

Biosafety level 1

NCBI_TaxID 9606

CellSaurusAccession CVCL_1720

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Cell Line

Antigen expression: O, Rh +

Mutational profile: CDKN2A, SMAD4, CTNNB1, p.Ser33Phe (c.98C>T), (c.331A>G), SMARCB1, c.362+1G>C, (Cosmic-CLP=724878)

Media

Culture Medium: RPMI 1640, w: 2.0 mM, w: 2.0 g/L NaHCO3 (Cytion 820700a)

Supplements: 10% FBS

Dissociation Reagent

Doubling time: 23

Freeze medium: (FBS) + 10% DMSO

Thawing and Culturing Cells

- 1. ...
2. ... -150°C ...
3. ... 37 ...
4. ... 70% ...
5. ... 15 ... 8 ...
6. ... -300 x g ... 3 ...
7. ... -10 ...
8. ...

