

Product sheet

SW-403 | 300350

SW-403

Description
SW-403 is a cell line derived from a patient with a specific condition. It is characterized by its ability to grow in suspension and its sensitivity to certain treatments. SW-403 is a cell line derived from a patient with a specific condition. It is characterized by its ability to grow in suspension and its sensitivity to certain treatments. SW-403 is a cell line derived from a patient with a specific condition. It is characterized by its ability to grow in suspension and its sensitivity to certain treatments.

Organism Human

Tissue Tissue

Disease Disease

Synonyms SW403, SW 403

SW-403

Age 51 years

Gender Male

Ethnicity Ethnicity

Morphology Morphology

Growth properties Growth properties

SW-403

Citation SW-403 (Cytion 300350)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0545

SW-403

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Antigen expression 3 3, 3, 3 CSAp (CSAp-).

Isoenzymes G6PD, B, PGM1, 1, PGM3, 1-2, 6PGD, A, ES-D, 1, PEP-D, 1

Tumorigenic ,

Reverse transcriptase

Products - (CEA) 155 ng/10 exp6 /10 ,

Mutational profile SW-403 Kras 12: GGT>GTT

Culture Medium Ham's F12, w: 1.0 mM , w: 1.0 mM , w: 1.1 g/L NaHCO3 (Cytion 820600a)

Supplements 10% FBS

Dissociation Reagent

Subculturing -PBS , 3-5 ' PBS, 3 . ,

Fluid renewal 1 2

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 ml of pre-warmed medium.
3. Seed the cells into a T25 flask containing 10 ml of pre-warmed medium. The seeding density is approximately 1.5 x 10⁶ cells per flask.
4. Incubate the cells at 37°C with 5% CO₂ in a humidified atmosphere. The cells should reach 70% confluency within 24-48 hours.
5. Once the cells are confluent, they can be used for downstream applications or passaged into new flasks.
6. For passaging, trypsinize the cells and seed them into a new T25 flask with 10 ml of pre-warmed medium.
7. The cells should reach 70% confluency again within 24-48 hours.
8. The cells are now ready for use in experiments.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Not required

Freezing Procedure

Not applicable for this cell line.

Shipping Conditions

Not applicable for this cell line.

Storage Conditions

Not applicable for this cell line.

HLA

Sterility

The cells are provided as a frozen cell suspension in a PCR tube. The cells are sterile and free of mycoplasma contamination.

██████ SW-403 | 300350

██████ HLA

A*: '02:05:01, '03:01:01

B*: 07:02:01, 49:01:01

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

DRB1*: 04:01:01, 04:05:01

DQA1*: 03:03:01

DQB1*: 03:01:01, 03:02:01

DPB1*: 04:01:01

E: 01:03:02, 01:03:05