SW-1116

300348

GENERAL INFORMATION

Description

□ชลล์ไลน์ถูกแยกจาก □นื้อ □ยื่อมะ □ร็งลำไส้ใหญ่และทวารหนักโดย Leibovitz และคณะ ในปี 1976ผลตรวจพบว่ามี □คราติน □ป็นบวกโดยการย้อมด้วยวิธีอิมมูโน □พอร์ออกซิ □ดส แต่ผลตรวจ CSAp (CSAp-) และแอนติ □จนลำไส้ใหญ่ 3 □ป็นลบ ยีนก่อมะ □ร็ง c-myc, K-ras, H-ras, myb, sis และ fos แสดงออก ส่วนการแสดงออกของ N-myc และ N-ras ไม่พบ การแสดงออกของโปรตีน □มทริกซ์นิว □คลียร์ □ฉพาะของ □นื้องอก CC-4, CC-5 และ CC-6 พบ

Tissue	ลำไส้ใหญ่
Disease	อะดีโนคาร์ซิโนมา

Synonyms

- SW1116
- SW 1116

CLASSIFICATION

Organism	Human
Sex	Male
Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Morphology	ลักษณะคล้าย □ยื่อบุผิว
Tumourigenic	ใช่ ในหนูที่ไม่มีขน

IDENTIFIERS

Citation

SW-1116 (หมาย □ลขแคตตาล็อก Cytion 300348)

NCBI TaxID	9606
Cellosaurus	CVCL_0544

EXPRESSION AND SUSCEPTIBILITY

Protein expression

CEA □ป็นบวก

Isoenzymes

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

Oncogenes

Myc +, myb + , ras +, fos +, sis +, p53 +, abl -, ros -, src -

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1 / 3

Mutational profile

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Reverse transcriptase	□□□□□□□

Products

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HANDLING AND CULTURE

Culture medium

DMEM:Ham's F12 (1:1), w: 3.1 □□□□□/□□□□□ □□□□□□□, w: 2.5 □□□□□□□□□□□□□ L-□□□□□□□□□, w: 15 □□□□□□□□□□□□□ HEPES, w: 0.5 □□□□□□□□□□□□ □□□□□□□□□□□□□□□□□, w: 1.2 □□□□/□□□□□ NaHCO3 (□□□□□□□□□□□□□□□□ Cytion 820400a)

Incubation atmosphere	37°C, 5%CO2, □□□□□□□□□□□□□□

Supplements

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Dissociation reagent	□□□□□□□□□

Subculturing

□□□ PBS □□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□ □□□□□□□□□□□□ T25 □□□□□□□ PBS 3-5 □□. □□□□□□□□□□□□□□□ T75 □□□□□□□ 5-10 □□. □□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□ Accutase □□□□□□□ 1-2 □□. □□□□□□□□□□□□ T25 □□□ 2.5 □□. □□□□□□□□□□□□ T75□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□ 8-10 □□□ □□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□ □ □□□□□□□□□□□□□□□□□□□□□□□ 10 □□ □□□□□□□□□□□□□□□□□□□□□□□□□ 300 □□□□□□□□□□□□□□□□□□□□□□□□□□□ (300xg) □□□□□□□□□ 3 □□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□ □□ □□□□□□□□□□□□□

Fluid renewal	1 □□□ 2 □□□□□□□□□□□□□□□□□□□

Thawing and culturing

Confirm that the vial remains deeply frozen upon delivery, as cells are shipped on dry ice to maintain optimal temperatures during transit.
Upon receipt, either store the cryovial immediately at temperatures below -150°C to ensure the preservation of cellular integrity, or proceed to step 3 if immediate culturing is required.
For immediate culturing, swiftly thaw the vial by immersing it in a 37°C water bath with clean water and an antimicrobial agent, agitating gently for 40-60 seconds until a small ice clump remains.
Perform all subsequent steps under sterile conditions in a flow hood, disinfecting the cryovial with 70% ethanol before opening.
Carefully open the disinfected vial and transfer the cell suspension into a 15 ml centrifuge tube containing 8 ml of room-temperature culture medium, mixing gently.
Centrifuge the mixture at 300 x g for 3 minutes to separate the cells and carefully discard the supernatant containing residual freezing medium.
Gently resuspend the cell pellet in 10 ml of fresh culture medium. For adherent cells, divide the suspension between two T25 culture flasks; for suspension cultures, transfer all the medium into one T25 flask to promote effective cell interaction and growth.
Adhere to established subculture protocols for continued growth and maintenance of the cell line, ensuring reliable experimental outcomes.

QUALITY CONTROL AND CRYOPRESERVATION

Sterility

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Freeze medium	[illegible] ([illegible] FBS) + 10% DMSO [illegible] CM-1 ([illegible] Cytion 800100) [illegible]

Storage conditions

[illegible] −150 [illegible] −196 °C [illegible] −80 °C [illegible]

Shipping conditions

[illegible] −78 °C [illegible]

DONOR

Donor age	73 [illegible]
Ethnicity	[illegible]

LEGAL AND SAFETY

Safety precautions

[illegible]

Warranty

[illegible]Cytion [illegible]
[illegible]
60 [illegible]
[illegible]
[illegible] [illegible]/[illegible]
[illegible]
<a href=""/Who-we-are/Warranty/"" hreflang=""x-default"">[illegible].

Material Transfer Agreement required	Yes