□ซลล์ RCC-LR

300236

ก่ □ตั้งจากมะเร็งเซลล์ชัดเจนข □งไต pT3a, ไม่มี , M1/GIII ข □งหญิง □ายุ 63 ปี ในปี 1999 HLA-A2.1 เป็นบวก

GENERAL INFORMATION

Description

ก่ □ตั้งจากมะเร็งเซลล์ชัดเจนข □งไต pT3a, ไม่มี , M1/GIII ข □งหญิง □ายุ 63 ปี ในปี 1999 HLA-A2.1 เป็นบวก

Tissue	ไต
Disease	มะเร็งไตชนิดเซลล์ใส

Synonyms

- KTCTL120
- RCC-LR

CLASSIFICATION

Organism	Human
Sex	Female
Growth properties	Adherent
Biosafety level	1

CHARACTERISTICS

Morphology	ลักษณะคล้ายเยื่ □บุผิว

IDENTIFIERS

Citation

RCC-LR (หมายเลขแคตตาล็ □ก Cytion 300236)

NCBI TaxID	9606
Cellosaurus	CVCL_5883

EXPRESSION AND SUSCEPTIBILITY

Surface antigens

ไซโตเคราตินบวก 8,18,19, วีเมนตินบวก

Protein expression

IL8

Mutational profile

IL8 RS1126647 3-UTR Wt

Cytion GmbH
Nikola-Tesla-Str. 3
69124 Heidelberg
Tel: +49 (0)6221 405780
info@cytion.com
cytion.com

Registered office Heidelberg
VAT ID: DE283292917
Local court Mannheim - HRB 714394
CEO / Geschäftsführer: Jonathan Steubing

Banking information
Sparkasse Heidelberg
IBAN: DE35 6725 0020 0009 2076 86
BIC: SOLADES1HDB

1 / 3

HANDLING AND CULTURE

Culture medium

RPMI 1640, w: 2.0 mM □□□□□□□□□□□□□□□, w: 2.0 □□□□/□□□□ $NaHCO_3$ (□□□□□□□□□□□□□□ Cytion 820700a)

Incubation atmosphere	37°C, 5%CO_2, □□□□□□□□□□□□□

Supplements

□□□□□□□□□□□□□□□□□□□□□□□□□□□ FBS 10%

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

□□ PCR □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□
□□□ □□□□□□□□ □□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□

Freeze medium	□□ □□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ (□□□□□□□ FBS) + 10% DMSO □□□ □□□□□ CM-1 (□□□□□□□□□ □□□□□□□□□□ Cytion 800100) □□□ □□□ □□□ □□□□

Storage conditions

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□ −150 □□□ −196 °C □□□□□□□□□□□□□□□□□□□□□□□□□□□□ −80 °C □□□ □□□□□□□□□□□□□□□□□□□□□□□

Cytion GmbH
Nikola-Tesla-Str. 3
69124 Heidelberg
Tel: +49 (0)6221 405780
info@cytion.com
cytion.com

Registered office Heidelberg
VAT ID: DE283292917
Local court Mannheim - HRB 714394
CEO / Geschäftsführer: Jonathan Steubing

Banking information
Sparkasse Heidelberg
IBAN: DE35 6725 0020 0009 2076 86
BIC: SOLADES1HDB

Shipping conditions

[illegible] −78 °C [illegible]

DONOR

Donor age	63 [illegible]
Ethnicity	[illegible]

LEGAL AND SAFETY

Safety precautions

[illegible]

Warranty

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

Material Transfer Agreement required	Yes

Cytion GmbH
Nikola-Tesla-Str. 3
69124 Heidelberg
Tel: +49 (0)6221 405780
info@cytion.com
cytion.com

Registered office Heidelberg
VAT ID: DE283292917
Local court Mannheim - HRB 714394
CEO / Geschäftsführer: Jonathan Steubing

Banking information
Sparkasse Heidelberg
IBAN: DE35 6725 0020 0009 2076 86
BIC: SOLADES1HDB