

Product sheet

HROC24 T1 M1 | 300813

Description PD - 2006 PDTx

Organism

Tissue CRC Colon ascendens UICC I TNM T2N0M0R0L0V1 G2 PDx Lk(n) + 0, Σ Lk(n) 13

Disease

Metastatic site UICC I TNM T2N0M0

Applications MSI-H BRAF V600E PDx HROC

Synonyms HROC24x

Age 98

Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation HROC24 T1 M1 Cytion 300813

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1U80

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Genomic

GMO Status	MSI-H
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Tumorigenic**Viruses**

SV40 JC/BK HBV HCV HIV

Ploidy status

Euploid

MSI-status

MSI-H

Mutational profile

APCmut, p53wt, K-Raswt, N-Raswt, H-Ras wt , B-RAFV600E, PIK3CAwt

Culture Medium

DMEM:Ham's F12	1:1	w: 3.1 g/L	w: 2.5 mM L-	w: 15 mM HEPES	w: 0.5 mM	w: 1.2 g/L NaHCO ₃	Cytion	8
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Supplements

10% FBS

Dissociation Reagent

Accutase

Doubling time

20

Subculturing

PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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Split ratio

1 3

Seeding density 2×10^4 /**Fluid renewal**

3 5

Post-Thaw Recovery**Freeze medium**

FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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Thawing and
Culturing Cells

- | | | | | | |
|----|---------|--------|-----|-------|-----|
| 1. | | | | | |
| 2. | | -150°C | | | 3 |
| 3. | | 37°C | | 40-60 | |
| 4. | | | 70% | | |
| 5. | | 8 | 15 | | |
| 6. | 300 x g | 3 | | | |
| 7. | 10 | | | T25 | T25 |
| 8. | | | | | |

Incubation
Atmosphere

37°C, 5%_{CO2}

Flask Coating

Freezing
Procedure

-78 °C

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 -80 °C

Sterility

PCR