

Product sheet

HROC24 | 300812

Description - 2006 CRC

Organism

Tissue

Disease TNM T2N0M0R0L0V1 G2 Lk(n) + 0 Σ Lk(n) 13

Synonyms HROC24P

Age 98

Gender

Ethnicity

Morphology

Growth properties

Citation HROC24 Cytion 300812

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_S853

Protein expression β - PTEN

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Antigen expression CD15+ CD44+ CD58+ CEACAM+ CD71+ EpCAM + MHC II + Her2/neu+ EGFR+ HLA-A2+

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 NaHCO₃ Cytion 8

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

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