

HROC131 T0 M3 | 300805

Description 2006 Michael Linnebacher PD Dr.

Organism

Tissue UICC IIIa TNM T3N1M0R0L0V0 G3 Lk(n) +2 Σ Lk(n) 22

Disease

Synonyms HROC131 HROC131x

Age 75

Gender

Ethnicity

Morphology

Growth properties

Citation HROC131 T0 M3 Cytion 300805

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1D13

Protein expression PTEN

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Tumorigenic

Viruses SV40 JC/BK HBV HCV HIV

Ploidy status

MSI-status MSI-H

Mutational profile K-Ras B-RAF N-Ras H-Ras PIK3CA

Culture Medium DMEM Ham's F12 1:1 3.1 g/L 2.5 mM L- 15 mM HEPES w: 0.5 mM w: 1.2 g/L NaHCO₃ Cytion

Supplements 10% FBS

Dissociation Reagent Accutase

Doubling time 29

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75

Seeding density $2 \times 10^4 / \text{cm}^2$

Fluid renewal 3 5

Post-Thaw Recovery

Freeze medium FBS + 10% DMSO 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

Shipping Conditions -78 °C

Storage Conditions -150 -196 °C -80 °C

Sterility PCR