

HROC40 | 300822

Description - 2006 CRC

Organism

Tissue UICC IIIa

Disease TNM T3N1M0R0L1V1 G3 Lk(n) + 2 Σ Lk(n) 18

Age 69

Gender

Ethnicity

Morphology

Growth properties

Citation HROC40 Cytion 300822

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1G01

Protein expression β- Toll (TLR)3 TLR4 TLR7 TLR8 - PTEN

Antigen expression CD326+, CD44+, CD15+, CD71+, CD73+, CD274+, CD47+, CD54+, CD95+, CD276+, CD133- , CD66acdewweak, IDO+, cFLIP+, MHC-I+, IFN-γ MHCIIweak, EpCAM+

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Tumorigenic

Viruses SV40 JC/BK HBV HCV HIV

Ploidy status

MSI-status MSS

Mutational profile P53G266e APCwt K-RasG13D mt13 N-Raswt H-Raswt PIK3CAwt B-Rafwt

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

Supplements 10% FBS

Dissociation Reagent Accutase

Subculturing 300 x g 3 2x 25 48 2-3 80-90%

Seeding density 5x10⁴ /cm² 10⁴ /cm²

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

/ /HLA

Sterility PCR