Product sheet

HROG13 | 300936

[redacted]

Description	[redacted] (PD Dr. Michael Linnebacher) [redacted]
Organism	[redacted]
Tissue	[redacted], R, [redacted]
Disease	[redacted] (UICC IV)

[redacted]

Age	77 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Growth properties	[redacted]

[redacted]

Citation	HROG13 ([redacted] Cytion 300936)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_4U44

[redacted]

Antigen expression	HLA-A02 +, [redacted] +, HLA-E -, HLA-G -, MIC A - MIC-B -, ICAM-1 +, GFAP +, [redacted] +, [redacted] +, S-100 +, GBM +, BTS
Mutational profile	TP53 wt, PTENwt, chr.7 [redacted], chr. 10 [redacted], 9p21.3 (CDKN2A) [redacted]

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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 820400a)
Supplements	10% FBS
Dissociation Reagent	
Subculturing	-PBS PBS, 3 . + 40% FBS + 10% DMSO, CM-1 (Cytion 800100),
Seeding density	1 x 10^4 "/
Fluid renewal	3 5
Freeze medium	-50%
Thawing and Culturing Cells	1. 2. -150°C 3. 37 4. 70% 5. 15 ' 8 ' 6. -300 x g 3 7. -10 ' T2 8. -
Incubation Atmosphere	37°C, 5%$_{CO2}$,

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Flask Coating	[redacted], [redacted]
Freezing Procedure	[redacted] -78°C
Shipping Conditions	[redacted] -78°C
Storage Conditions	[redacted] -150 [redacted] 196 [redacted]

[redacted] / [redacted] / HLA

Sterility	[redacted] PCR [redacted] [redacted], [redacted]
[redacted]HLA	**A***: 02:01:01 **B***: '15:01:01, '44:02:01 **C***: 03:03:01, 05:01:01 **DRB1***: 04:01:01, 13:01:01 **DQA1***: '01:03:01, '03:03:01 **DQB1***: 03:01:01, 06:03:01 **DPB1***: '01:01:01, '19:01:01 **E**: 01:01, 01:03