

XXX HROC277 T0 M1 | 300834

XXXXXX XXXXXX

Description	Large, well-differentiated, moderately cellular, solid nests and cords of tumor cells with abundant eosinophilic cytoplasm and prominent nucleoli. The tumor is composed of nests and cords of cells with abundant eosinophilic cytoplasm and prominent nucleoli. The tumor is composed of nests and cords of cells with abundant eosinophilic cytoplasm and prominent nucleoli. (PD Dr. Michael Linnebacher) [REDACTED]
Organism	Human
Tissue	Colorectal adenocarcinoma, UICC IV, moderately differentiated adenocarcinoma of the colon, moderately differentiated CRC (moderately differentiated, TNM T4N0M1R0L0V0, G2, Lk(n))
Disease	Colorectal adenocarcinoma
Synonyms	HROC277

XXXXXXXXXXXXXXXXXXXX

Age	77 𐄀𐄀𐄀𐄀
Gender	𐄀𐄀𐄀
Ethnicity	𐄀𐄀𐄀𐄀𐄀𐄀
Morphology	𐄀𐄀𐄀𐄀 𐄀𐄀𐄀𐄀𐄀
Growth properties	𐄀𐄀𐄀

XIX

Citation	HROC277 T0 M1 (XXXXXXXXXX Cytion 300834)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1U86

XXXXXXXXXX XXXX- XXXXXXXXXXXXXXXX

Protein expression	PTEN- negative	PTEN- positive
PTEN	100%	100%
VEGFR-1	100%	100%
VEGFR-2	100%	100%
VEGFR-3	100%	100%
VEGFR-4	100%	100%
VEGFR-5	100%	100%
VEGFR-6	100%	100%
VEGFR-7	100%	100%
VEGFR-8	100%	100%
VEGFR-9	100%	100%
VEGFR-10	100%	100%
VEGFR-11	100%	100%
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VEGFR-93	100%	100%
VEGFR-94	100%	100%
VEGFR-95	100%	100%
VEGFR-96	100%	100%
VEGFR-97	100%	100%
VEGFR-98	100%	100%
VEGFR-99	100%	100%
VEGFR-100	100%	100%

Tumorigenic	Yes, tumorigenic xenografts are highly tumorigenic
Viruses	None. Not infected with SV40, JC/BK, HBV, HCV, HIV.
MSI-status	MSS
Mutational profile	K-RasG12A, N-Raswt, H-Raswt, PIK3CAwt, B-Rafwt
Cell Line ID	CXCR4
Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L Glucose, w: 2.5 mM L-Glutamine, w: 15 mM HEPES, w: 0.5 mM Sodium Butyrate, w: 1.2 g 820400a)
Supplements	None. 10% FBS
Dissociation Reagent	Trypsin
Doubling time	29 days
Subculturing	Cells are typically grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. Cells are passaged by trypsinization into T25 flasks, followed by 3-5 passages into T25 flasks. Cells are then passaged into larger flasks or cryopreserved.
Seeding density	2 x 10 ⁴ cells/flask
Fluid renewal	Every 3-5 days
Post-Thaw Recovery	High recovery
Freeze medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L Glucose, w: 2.5 mM L-Glutamine, w: 15 mM HEPES, w: 0.5 mM Sodium Butyrate, w: 1.2 g 820400a) + 10% DMSO + 10% FBS

- [illegible]

[illegible]