

HT-29 | 300215

Description

HT-29 2 , .1964 44 HT22

HT-29 5-

HT-29 , ,

, HT-29 , ,

Organism

Tissue

Disease

Synonyms HT 29, HT29

Age 44

Gender

Ethnicity

Morphology

Growth properties

Citation HT-29(300215)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0320

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Receptors expressed (u-PAR), D(), .

Protein expression CEA , p53

Antigen expression A, Rh+, HLA A1, A3, B12, B17, Cw5, CD4 -, (HIV)

Isoenzymes Me-2, 1, PGM3, 1-2, PGM1, 1-2, ES-D, 1, AK-1, 1, GLO-1, 1-2, G6PD, B, : 0.0230

Oncogenes MYC+, RAS+, MYB+, FOS+, SIS+, P53+, ABL -, ROS -, SRC -

Tumorigenic , . (1) ,

Virus susceptibility (HIV, LAV)

Products IgA , (CEA), , , p53

Karyotype 2S 2.4% .17 : M1p-(t(3p-
t(13,?)b, 19q+b, M14, M15, 15p+, xq-. 13 8 14 . QM Y .

Culture Medium EMEM(MEM), w: 2mM L- , w: 2.2g/L NaHCO3, w: EBSS(820100a)

Supplements 10% FBS 1% NEAA

Dissociation Reagent

Doubling time 24

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Seeding density 3×10^4 /cm²

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Fluid renewal 2~3

Post-Thaw Recovery 48

Freeze medium (FBS) + 10% DMSO , CM-1(Cytion 800100)

Thawing and Culturing Cells

- 1.
2. -150°C , 3
3. 37°C 40~60
4. , 70%
5. 8ml 15ml
6. 300 x g 3
7. 10ml , T25 , T25
- 8.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78°C

Shipping Conditions -78°C

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

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/ / HLA

Sterility

PCR

HLA

A*: '01:01:01, '24:03:01

B*: '35:01:01, '44:03:01

C*: '04:01:01

DRB1*: '04:02:01, '07:01:01

DQA1*: '02:01:01, '03:01:01

DQB1*: '02:02:01, '03:02:01

DPB1*: '04:01:01

E: '01:01, '01:03