

SNU-216 | 305630

Description

SNU-216 is a human nasopharyngeal carcinoma cell line. It is a TP53 mutant, PI3K/AKT pathway active, and has a karyotype of 46,XY,t(8;21)(p11;p11). SNU-216 (CCLE) is a cell line derived from a patient with nasopharyngeal carcinoma.

Organism

Tissue

Disease

Applications

Synonyms SNU216, NCI-SNU-216

Age 46

Gender

Ethnicity

Morphology

Cell type

Growth properties ,

Citation SNU-216(305630)

Biosafety level 1

NCBI_TaxID 9606

Product sheet

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CellosaurusAccession CVCL_3946

Mutational profile : TP53, , p.Val216Met (c.646G>A),

Culture Medium RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3(820700a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 36

Subculturing , 0.25% 0.02% EDTA , 37°C 3~5 , , 15ml ,

Split ratio 1:4

Fluid renewal 2~3

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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation
Atmosphere

37°C, 5% CO₂ .

Flask Coating

Shipping
Conditions

-78°C .

Storage
Conditions

-150°C -196°C . 80°C .

Sterility

PCR .