

AN3 Ca | 300119

Description	An3 Ca	(ER-)
	An3 Ca	
	An3 Ca	

Organism

Tissue	
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Disease

Synonyms	AN3_CA, AN3-CA, AN3 Ca, AN3CA, AN-3, AN3,	3 -
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Age	55
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Gender

Ethnicity	
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Morphology

Cell type	
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Growth properties

Citation	AN3 Ca(300119)
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_0028

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

Tumorigenic , . (22%)

Ploidy status , : 0.0054

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

Supplements 10% FBS 1% NEAA

Dissociation Reagent

Doubling time 45~50

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

Split ratio A ratio of 1:3 to 1:6 is recommended

Seeding density $3 \sim 4 \times 10^4$ /cm² $4 \sim 5 \times 10^4$ /cm² .

Fluid renewal 2~3

Post-Thaw Recovery 24~48

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	
	.

Freezing Procedure -78°C .

Shipping Conditions	
	-78°C .

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

/ / HLA

Sterility	
	PCR .
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STR

Amelogenin: x,x
CSF1PO: 12,14,15
D13S317: 12,14
D16S539: 10,14,15
D5S818: 11,14
D7S820: 7.1,10
TH01: 9.3,10
TPOX: 8,1
vWA: 14,19,20,21
D3S1358: 17
D21S11: 29,3
D18S51: 15,17,18
Penta E: 9,16
Penta D: 9,16
D8S1179: 12,14
FGA: 23
D1S1656: 13,18.3
D6S1043: 12,13,14,15,18
D2S1338: 20,23
D12S391: 20,21,23,24,25
D19S433: 14

HLA

A*: '03:01:01
B*: '44:02:01, '57:01:01
C*: '05:01:01, '06:02:01
DRB1*: '04:01:01G, '16:01:01
DQA1*: '01:02:02, '03:01:01
DQB1*: '03:02:01, '05:02:01
DPB1*: '05:01:01g, '13:01:01g
E: '01:03:02