

A431 | 300112

Description	85	A431	. A-431	,
	A431	(EGFR) EGF	.	,
	EGFR	,	A431	. EGFR
	A431	.	EGF	
	, A-431	EGFR	,	,

Organism

Tissue

Disease

Synonyms	A-431, A431/P
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Age

Age	85
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Gender

Morphology

Growth properties

Citation

Citation	A431(300112)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0037
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Receptors expressed	EGF		
Protein expression	P53		
Isoenzymes	G6PD, B, PGM1, 1, PGM3, 1, ES-D, 1, Me-2, 0, AK-1, 1, GLO-1, 2		
Tumorigenic	,		
Products	HBp17		
Mutational profile	BRAF V600Ewt		
Karyotype	6	: der(6), der(7), der(17), der(21), dic(13,14), dic(14,18).	8q24 C-MYC : dup(8)(q24)
Culture Medium	DMEM, w: 4.5g/L	, w: 4mM L-	, w: 3.7g/L NaHCO ₃ , w: 1.0mM (820300a)
Supplements	10% FBS		
Dissociation Reagent			
Subculturing	PBS	. T25	3~5ml, T75 5~10ml PBS . T25
Seeding density	1 x 10 ⁴ /cm ²		
Fluid renewal	2~3		
Post-Thaw Recovery	5 x 10 ⁴ /cm ²	,	24 .
Freeze medium	(FBS) + 10% DMSO	,	CM-1(Cytion 800100)

A431 | 300112

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

A431 | 300112

HLA

- A***: '03:01:01
- B***: '07:02:01
- C***: '07:02:01
- DRB1***: '11:04:01
- DQA1***: '05:05:01
- DQB1***: '03:01:01
- DPB1***: '15:01:01
- E**: '01:03:01, '01:03:02