Product sheet

A431 | 300112

Description	A431 85 A-431 EGF A431 EGFR MAPK/ERK PI3K/AKT EGFR A431 EGFR A-431 EGF A-431 EGFR
Organism	
Tissue	
Disease	
Synonyms	A-431 A431/P
Age	85
Gender	
Morphology	
Growth properties	
Citation	A431 Cytion 300112
Biosafety level	1
NCBI_TaxID	9606
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	der(6) der(7) der(17) der(21) dic(13,14) dic(14,18) 8q24 C-MYC dup(8)(q24) der(1

Culture Medium	DMEM 4.5 g/L 4 mM L- 3.7 g/L $NaHCO_3$ 1.0 mM Cytion 820300a
Supplements	10% FBS
Dissociation Reagent	Accutase
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1–2 T75
Seeding density	1×10^4 /cm^2 4
Fluid renewal	2 3
Post-Thaw Recovery	/cm^2 $\times 10^4$ 24
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. 8 15 6. 300 x g 3 7. 10 T25 T25 8.
Incubation Atmosphere	37°C 5% CO_2
Shipping Conditions	−78 °C
Storage Conditions	−150 −196 °C −80 °C
Sterility	PCR