

NCI-H322 | 305839

<b>Description</b>	NCI-H322	(NSCLC)							
	NCI-H322	KRAS	MAPK/ERK	PI3K/AKT					KRAS
	NCI-H322		MEK	PI3K		NCI-H322		KRAS	NSCLC

**Organism**

**Tissue**

**Disease**

**Synonyms** H322 H-322 H322T NCI-H322T NCIH322T NCI-322 NCIH322

**Age** 52

**Gender**

**Ethnicity**

**Cell type**

**Growth properties**

**Citation** NCI-H322 Cytion 305839

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1556

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**Mutational profile** TP53, Simple, p.Arg248Leu (c.743G>T), Homozygous (PubMed=1311061, PubMed=1565469, PubMed=10536175, PubMed=20557307).

**Culture Medium** RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO3 Cytion 820700a

**Supplements** 10% FBS

**Dissociation Reagent** Accutase

**Doubling time** 50

**Freeze medium** FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

- 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<sub>2</sub>

**Flask Coating**

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**Freezing  
Procedure**

-78 °C

**Shipping  
Conditions**

-78 °C

**Storage  
Conditions**

-150 -196  $\boxtimes$  -80 °C

/ /HLA

**Sterility**

PCR