

NCI-H322 | 305839

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|--------------------|----------|---------|----------|----------|--|----------|--|------|-------|
| Description | 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 |
|------------------------|---|

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|-------------------|------|
| NCBI_TaxID | 9606 |
|-------------------|------|

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|-----------------------------|-----------|
| 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% CO₂

Flask Coating

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**Freezing
Procedure**

-78 °C

**Shipping
Conditions**

-78 °C

**Storage
Conditions**

-150 -196 \boxtimes -80 °C

/ /HLA

Sterility

PCR