

NCI-H522 | 305279

Description	NCI-H522 (NSCLC),
	NCI-H522 (CEA) TP53, RB1
	H522

Organism

Tissue

Disease

Synonyms	NCI.H522, H522, H-522, NCI-522, NCI522, NCIH522
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Age	58
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Gender

Ethnicity

Morphology

Growth properties

Citation	NCI-H522(305279)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_1567
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Mutational profile : TP53, p.Pro191fs*56 (c.571delC),

Culture Medium RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3(820700a)

Supplements 10% FBS, w: 4.5g/L , w: 10mM HEPES, w: 1mM , w: 1.5g/L NaHCO3

Dissociation Reagent

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

Split ratio 1:3 1:6

Fluid renewal 2~3

Freeze medium (FBS) + 10% DMSO , CM-1(Cytion 800100)

- 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. .

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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