

Product sheet

NCI-H211 | 305837

General Information

**Description**

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**Organism** Human

**Tissue** Lung

**Disease** Non-small cell lung cancer

**Synonyms** H211, H-211, NCIH211

Cell Culture

**Age** 50 days

**Gender** Male

**Ethnicity** Caucasian

**Growth properties** Adherent

References

**Citation** NCI-H211 (ATCC CCL-221) | Cytion 305837

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1529

Additional Information

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**Mutational profile** TP53, p.Arg248Gln (c.743G>A), (PubMed=1312696, PubMed=1565469)

**Karyotype** Iso(3p), t(3;4)(pter-q12), t(3;11)(qter-p25)

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

**Supplements** 10% FBS

**Dissociation Reagent**

**Seeding density** 0.1 x 10<sup>6</sup> / ml

**Fluid renewal** 2 x 3

**Freeze medium** (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath. Transfer cells to a pre-warmed medium.
  2. Centrifuge cells at 300 x g for 3 minutes. Resuspend cells in 15 ml of medium.
  3. Seed cells into a T25 flask at a density of 1 x 10<sup>6</sup> cells/ml. Incubate at 37°C in 5% CO<sub>2</sub>.
  4. Monitor cell growth and confluency. Perform fluid renewal when cells reach 70% confluency.
  5. Harvest cells when they reach 80-90% confluency. Seed into a new flask.
  6. For freezing, wash cells with PBS and resuspend in freezing medium.
  7. Aliquot cells into cryovials and store at -80°C.
  8. Thaw cells rapidly and follow the same protocol as above.

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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating** None

**Shipping Conditions** Cryogenic storage, -78°C

**Storage Conditions** Cryogenic storage, -150 to -196 °C

HLA

**Sterility** Sterile, PCR grade