

Product sheet

NCI-H2110 | 305838

General Information

**Description** NCI-H2110 is a human non-small cell lung carcinoma (NSCLC) cell line. It is a highly tumorigenic, anchorage-dependent cell line that grows in suspension and as multicellular spheres. NCI-H2110 is characterized by the presence of a K-RAS mutation. For more information, see the Cell Line Encyclopedia (CCL) database.

**Organism** Human

**Tissue** Lung

**Disease** Non-small cell lung carcinoma

**Synonyms** H2110, H-2110, NCIH2110

Characteristics

**Age** 50-60 years

**Gender** Male

**Ethnicity** Caucasian

**Cell type** Epithelial

**Growth properties** Adherent

References

**Citation** NCI-H2110 (ATCC CCL-221) Cytion 305838

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellSaurusAccession** CVCL\_1530

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NCI-H2110 - NCI-H2110

**Mutational profile** RIT1, p.Met90Ile (c.270G>A), TP53, p.Arg158Pro (c.473G>C),

NCI-H2110

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

**Supplements** 10% FBS

**Dissociation Reagent**

**Fluid renewal** 2 x 3

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

Thawing and Culturing Cells

- 1. ...
- 2. ... -150°C ...
- 3. ... 37 ...
- 4. ... 70% ...
- 5. ... 15 ... 8 ...
- 6. ... 300 x g ... 3 ...
- 7. ... 10 ...
- 8. ...

**Incubation Atmosphere** 37°C, 5% CO2,

