

Product sheet

NCI-H2444 | 305904

General Information

<b>Description</b>	NCI-H2444 is a cell line derived from a patient with non-small cell lung carcinoma (NSCLC). It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. The cell line is characterized by its ability to form large, multicellular spheroids in suspension culture. It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. The cell line is characterized by its ability to form large, multicellular spheroids in suspension culture.
<b>Organism</b>	Human
<b>Tissue</b>	Lung
<b>Disease</b>	Non-small cell lung carcinoma
<b>Synonyms</b>	H2444, H-2444, NCIH244

Characteristics

<b>Age</b>	Not applicable
<b>Gender</b>	Not applicable
<b>Ethnicity</b>	Not applicable
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

Identification

<b>Citation</b>	NCI-H2444 (ATCC CCL-244) Cytion 305904
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1552

Additional Information

# Product sheet

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**Mutational profile** p.Gly12Val p.Tyr236Cys

**Culture Medium** RPMI 1640 2.0 2.0 / NaHCO<sub>3</sub> (820700a)

**Supplements** 10% FBS

**Dissociation Reagent**

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

- Thawing and Culturing Cells**
1. Add 100 µl of cells to 10 ml of medium in a 100 cm<sup>2</sup> flask.
  2. Incubate at 37 °C for 24 hours.
  3. Add 100 µl of cells to 10 ml of medium in a 100 cm<sup>2</sup> flask.
  4. Incubate at 37 °C for 24 hours.
  5. Add 100 µl of cells to 10 ml of medium in a 100 cm<sup>2</sup> flask.
  6. Incubate at 37 °C for 24 hours.
  7. Add 100 µl of cells to 10 ml of medium in a 100 cm<sup>2</sup> flask.
  8. Incubate at 37 °C for 24 hours.

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

**Flask Coating**

**Shipping Conditions** 4 °C

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**Storage  
Conditions**

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**Sterility**

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