

Product sheet

NCI-H2444 | 305904

General Information

Description	NCI-H2444 is a cell line derived from a patient with non-small cell lung cancer (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, multicentric colonies in soft agar and its high tumorigenicity in immunodeficient mice. 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, multicentric colonies in soft agar and its high tumorigenicity in immunodeficient mice. 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, multicentric colonies in soft agar and its high tumorigenicity in immunodeficient mice.
Organism	Human
Tissue	Lung
Disease	Non-small cell lung cancer
Synonyms	H2444, H-2444, NCIH244

Characteristics

Age	Not applicable
Gender	Not applicable
Ethnicity	Not applicable
Morphology	Epithelial
Growth properties	Soft agar dependent

Identification

Citation	NCI-H2444 (ATCC CCL-152) Cytion 305904
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1552

Additional Information

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Mutational profile p.Gly12Val p.Tyr236Cys

Culture Medium RPMI 1640 2.0 2.0 / NaHCO3 (820700a)

Supplements 10% FBS

Dissociation Reagent

Freeze medium (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm dish.
 6. Incubate cells for 8 days.
 7. Harvest cells into a 10 ml tube.
 8. Store cells at -150°C.

Incubation Atmosphere 37°C 5% CO2

Flask Coating

Shipping Conditions -78°C

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**Storage
Conditions**

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Sterility

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