

NCI-H441 | 305219

|                    |          |          |      |      |  |      |
|--------------------|----------|----------|------|------|--|------|
| <b>Description</b> | NCI-H441 | H441     | 1982 |      |  |      |
|                    | NCI-H441 |          |      |      |  |      |
|                    |          | NCI-H441 |      |      |  |      |
|                    | NCI-H441 |          |      | H441 |  | SP-B |

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** H441 H-441 NCI-H441-4 NCI-441 NCIH441

**Age** 33

**Gender**

**Ethnicity**

**Cell type**

**Growth properties**

**Citation** NCI-H441 Cytion 305219

**Biosafety level** 1

**NCBI\_TaxID** 9606

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**CellosaurusAccession** CVCL\_1561

**Karyotype** NCI-H441 52 44 59

**Culture Medium** RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO3 Cytion 820700a

**Supplements** 10% FBS

**Dissociation Reagent** Accutase

**Doubling time** 58

**Subculturing** PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

**Split ratio** 1:3 1:8

**Fluid renewal** 2 3

**Freeze medium** FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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| Thawing and Culturing Cells |         |        |       |     |
|-----------------------------|---------|--------|-------|-----|
| 1.                          |         |        |       |     |
| 2.                          |         | -150°C |       | 3   |
| 3.                          |         | 37°C   | 40-60 |     |
| 4.                          |         |        | 70%   |     |
| 5.                          |         | 8      | 15    |     |
| 6.                          | 300 x g | 3      |       |     |
| 7.                          | 10      |        | T25   | T25 |
| 8.                          |         |        |       |     |

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

**Flask Coating**

**Freezing Procedure** -78 °C

**Shipping Conditions** -78 °C

**Storage Conditions** -150 -196 -80 °C

/ /HLA

**Sterility** PCR

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**STR**

- Amelogenin:** x,y
- CSF1PO:** 11,12
- D13S317:** 9
- D16S539:** 9,13
- D5S818:** 11,12
- D7S820:** 10
- TH01:** 9,3
- TPOX:** 8,1
- vWA:** 17
- D3S1358:** 18
- D21S11:** 32,2
- D18S51:** 18,19
- Penta E:** 12
- Penta D:** 10,12
- D8S1179:** 8,14
- FGA:** 24 25