

NCI-H1792 | 305835

General information

Description	NCI-H1792 is a cell line derived from a primary tumor of a patient with non-small cell lung cancer (NSCLC). The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. NCI-H1792 is a cell line derived from a primary tumor of a patient with non-small cell lung cancer (NSCLC). The cell line is characterized by its high growth rate and its ability to form colonies in soft agar.
Organism	Human
Tissue	Lung
Disease	Non-small cell lung cancer
Synonyms	H1792, H-1792, NCIH1792

Cell characteristics

Age	50 years
Gender	Male
Ethnicity	White
Cell type	Epithelial
Growth properties	Adherent

Cell culture conditions

Citation	NCI-H1792 (Cytion 305835)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1495

Cell culture media

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Mutational profile

CDKN2A, p.Trp110Ter (c.330G>A) (p.Gly125Arg, c.373G>A), KRAS, p.Gly12Cys (c.35G>T), = 100% 100%

Culture Medium

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

Supplements

10% FBS

Dissociation Reagent

Doubling time

45

Fluid renewal

2 3

Freeze medium

, 10% FBS + 10% DMSO

Thawing and Culturing Cells

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Incubation Atmosphere

37°C, 5% CO₂,

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Flask Coating

Flask Coating

Freezing Procedure

Freezing Procedure

Shipping Conditions

Shipping Conditions

Storage Conditions

Storage Conditions

Sterility

Sterility