

NCI-H1793 | 305911

General information

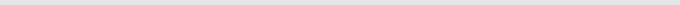
Description	NCI-H1793 is a cell line derived from a human non-small cell lung carcinoma (NSCLC) cell line. It is characterized by a high level of expression of KRAS (G12C), which is a common mutation in NSCLC. The cell line is derived from a patient with a primary tumor in the lung. The cell line is characterized by a high level of expression of KRAS (G12C), which is a common mutation in NSCLC. The cell line is derived from a patient with a primary tumor in the lung.
Organism	Human
Tissue	Lung
Disease	Non-small cell lung carcinoma
Synonyms	H1793, H-1793, NCIH1793

Cell characteristics

Age	52 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Cell line identification

Citation	NCI-H1793 (Cytion 305911)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1496

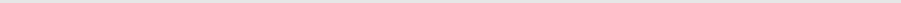
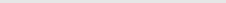
Mutational profile  p.Arg209Ter,  p.Arg273His, 

Culture Medium

DMEM HITES

DMEM, 10% FBS, 100 U/ml penicillin, 100 U/ml streptomycin, 100 U/ml nystatin

- 0.005 µg/ml dexamethasone
- 0.01 µg/ml insulin (human)
- 10 ng/ml transferrin (human)
- 10 ng/ml selenium (human)
- 2 mM L-glutamine (100% 4.5 mM)
- 5% FBS (100% FBS)

Freeze medium  (100% FBS) + 10% DMSO  100% FBS, 10% DMSO

[illegible]

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Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

None

Shipping
Conditions

Cells are shipped in a dry ice container. The container is labeled with the name of the cell line and the number of vials. The container is shipped at -78°C.

Storage
Conditions

Cells should be stored in a liquid nitrogen container. The container should be labeled with the name of the cell line and the number of vials. The container should be stored at -150 to -196°C.

NCI-H1793 Cell Line

Sterility

Cells are tested for mycoplasma contamination using PCR. Cells are also tested for mycoplasma contamination using a mycoplasma detection kit. Cells are found to be free of mycoplasma contamination.