

Product sheet

NCI-H2195 | 305259

Cell Line

Description NCI-H2195 is a human small cell lung carcinoma (SCLC) cell line. It is derived from a 67-year-old male patient with a primary tumor in the right lung. The cell line is characterized by its high growth rate and sensitivity to platinum-based chemotherapy. It is commonly used in preclinical studies to evaluate the efficacy of new anticancer drugs.

Organism Human

Tissue Lung

Disease Small cell lung carcinoma

Metastatic site Liver

Synonyms H2195, H-2195, H-2195

Cell Line

Age 67 years

Gender Male

Ethnicity Caucasian

Growth properties Adherent

Cell Line

Citation NCI-H2195 (ATCC CCL-221) | 305259

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1538

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Mutational profile TP53, p.Val157Phe (c.469G>T)

NCI-H2195

Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 / 1.6 15 (15)

Supplements 10 FBS ITS+ 10 10

Dissociation Reagent

Subculturing PBS

Split ratio 1:2 1:3

Fluid renewal 2

Freeze medium (FBS) + 10% DMSO

Thawing and Culturing Cells

1. 37
2. -150
3. 37
4. 70%
5. 15 8
6. 300 × 3
7. 10
- 8.

