

NCI-H647 | 305130

General information

Description

NCI-H647 is a cell line derived from a human melanoma. It is characterized by its ability to form colonies in soft agar and its sensitivity to various chemotherapeutic agents. The cell line is maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. It is a clonal cell line with a karyotype of 46,XX,del(1)(p11),del(17)(p11),t(17;22)(p11;p11),t(22;17)(p11;p11).

Organism Human

Tissue Melanoma

Disease Melanoma

Metastatic site Lung, Liver, Brain, Bone

Synonyms NCI-H647, H-647, H-647, H647ell, NCIH647

Characteristics

Age 56 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

References and safety

Citation NCI-H647 (NCI Cell Line) | 305130

Biosafety level 1

NCBI_TaxID 9606

NCI-H647 | 305130

CellosaurusAccession CVCL_1574

XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

XXXXXXXXXX

Culture Medium RPMI 1640 2.0 2.0 NaHCO3 (820700a)

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Split ratio 1:3 1:6

Fluid renewal 2 3

Freeze medium 10% DMSO

Thawing and Culturing Cells

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

