

Product sheet

LS513 | 300457

LS513

Description
LS513 is a cell line derived from a human melanoma. It is characterized by its high tumorigenicity and ability to form colonies in soft agar. The cell line is maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. LS513 cells are highly sensitive to p53 inhibitors and are used as a model for studying the role of p53 in melanoma progression. The cell line is also used for studying the effects of TGF- α and TGF- β on melanoma cell growth and invasion. LS513 cells express ICAM-1 (CD54) and are used for studying the role of ICAM-1 in melanoma metastasis.

Organism Human

Tissue Melanoma

Disease Melanoma

Synonyms LS513, LS 513

Characteristics

Age 63 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

References

Citation LS513 (ATCC CCL-1386) (300457)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1386

XXXXXXXXLS513 | 300457

XXXXXXXX HLA

A*: '32:01:01

B*: '51:01:01

C*: '01:02:01

DRB1*: '11:01:01

DQA1*: '05:05:01

DQB1*: '03:01:01

DPB1*: '04:01:01

E: '01:01:01