

XXXXXXXXX A431 | 300112

XXXXXXXXXX XXXXX

Description

XXXXXXXXX A431 is a human epidermal growth factor receptor 1 (EGFR) cell line. It is a highly proliferative, anchorage dependent cell line that is derived from a 85 year old male patient with squamous cell carcinoma of the head and neck. The cell line is characterized by the presence of a wild-type EGFR gene and the absence of any EGFR amplification or overexpression. The cell line is highly sensitive to EGFR inhibitors and is used as a model for studying the role of EGFR in cancer progression and as a target for drug development.

Organism XXXXXXXX

Tissue XXXXXXXX

Disease XXXXXXXX XXXXXXXX XXXXXXXX

Synonyms A-431, A431/P

XXXXXXXXXX

Age 85 years

Gender XXXXX

Morphology XXXXX XXXXX XXXXXXXX XXXXX XXXXXXXX

Growth properties XXXXXXXX

XXXXXXXXXXXXX XXXXXXXXXXXXXXXX

Citation A431 (XXXXXXXXXX XXXXXXXX XXXXX XXXXXXXXXXXXX 300112)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0037

XXXXXXXXA431 | 300112

XXXXXXXX HLA

A*: '03:01:01

B*: '07:02:01

C*: '07:02:01

DRB1*: '11:04:01

DQA1*: '05:05:01

DQB1*: '03:01:01

DPB1*: '15:01:01

E: '01:03:01, '01:03:02