

SCC-7 | 305622

SCC-7 | 305622

Description

SCC-7 (SCC-VII) is a highly metastatic, poorly differentiated squamous cell carcinoma cell line derived from a C3H mouse. It is characterized by its ability to form large, invasive tumors in various organs, including the lungs, liver, and brain. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor-1 (IGF-1). SCC-7 cells are highly tumorigenic and are used as a model for studying the biology of squamous cell carcinoma and for testing anticancer drugs.

Organism Mouse

Tissue Skin

Disease Squamous cell carcinoma

Synonyms SCC-7, SCCVII/St, SCCVII, SCC VII

SCC-7 | 305622

Breed/Subspecies C3H

Age 4-6 weeks

Gender Male

Morphology Epithelial

Growth properties Adherent

SCC-7 | 305622

Citation SCC-7 (SCC-VII) | Cytion: 305622

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_V412

