

HROC348 | 300719

General information

Description HROC348 is a cell line derived from a primary sigmoid colon adenocarcinoma. It is characterized by wild-type KRAS and BRAF, and is negative for RAS and RAF mutations. The cell line is established from a patient with a primary tumor (LN_pos = 2) and a metastatic site (M). The cell line is used for colorectal cancer research, KRAS/BRAF wild-type MSS CRC biology, left-sided colorectal cancer modeling, drug sensitivity in non-mutated RAS/RAF tumors, HROC Linnebacher biobank studies, CRC immunotherapy evaluation, and preclinical oncology.

Organism Human

Tissue Colon

Disease Adenocarcinoma

Metastatic site Not reported (primary sigmoid colon adenocarcinoma; no confirmed distant metastasis at time of sampling)

Applications Colorectal cancer research; KRAS/BRAF wild-type MSS CRC biology; left-sided colorectal cancer modeling; drug sensitivity in non-mutated RAS/RAF tumors; HROC Linnebacher biobank studies; CRC immunotherapy evaluation; preclinical oncology

Cell characteristics

Age 77 years

Gender Male

Ethnicity German

Morphology Epithelial cells

Cell type Epithelial cells

Growth properties Adherent

References

Citation HROC348 (Cytion 300719)

Biosafety level 1

