

Product sheet

XXXXXXXX OVCAR-8 | 305383

XXXXXXXXXX XXXXX

Description OVCAR-8 is a human epithelial cell line derived from a serous cystadenocarcinoma of the ovary. It is a highly tumorigenic cell line that grows as a monolayer in vitro and as subcutaneous xenografts in nude mice. OVCAR-8 cells are characterized by their high tumorigenicity and their ability to form large, solid, necrotic masses in nude mice. OVCAR-8 cells are also characterized by their high tumorigenicity and their ability to form large, solid, necrotic masses in nude mice.

Organism XXXXXXXXXX

Tissue XXXXXXXXXX

Disease XXXXXXXXXX XXXXX XXXXXXXXX

Synonyms OVCAR 8 XXXXXXXXXX XXXXXXXXX XXXXXXXX OVCAR-8 OVCAR8 OVCAR8 OVCcar8 OVCAR.8 OVCCA8 OVCAR-8/EGFP_LC3

XXXXXXXXXX

Age 64 XXXX

Gender XXXX

Ethnicity XXXXXXXXXX

Morphology XXXX XXXXXXXXX

Growth properties XXXXXXXXXX

XXXXXXXXXX XXXXXXXXX

Citation OVCAR-8 (XXXXXXXXXX XXXXXXXXX XXX XXXXXXXXX 305383)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1629

XXXXXXXXXX XXXXXXXXX XXXXXXXXX

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Mutational profile CTNNB1 p.Gln26Arg (c.77A>G) ERBB2 (c.362C>A) TP53 c.376-1G>A (p.Tyr126_Lys132del/c.376_396del21)

Characteristics

Culture Medium RPMI 1640 2.1 2.0 NaHCO3 (820700a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 24-32

Split ratio 1:4 1:4

Seeding density 3-4 x 10⁴

Freeze medium 10% DMSO (FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Dilute cells into pre-warmed complete medium.
3. Seed cells into a 96-well plate at 100,000 cells per well.
4. Incubate cells for 70% confluency.
5. Harvest cells after 15-18 hours.
6. Seed cells into a 96-well plate at 300 x 3 cells per well.
7. Incubate cells for 10 days.
8. Harvest cells for analysis.

