

# OVTOKO

Cat. No. ARC1039,  $1 \times 10^6$  cells/vial

## Description

OVTOKO is a human ovarian clear cell adenocarcinoma cell line established from the metastatic tumor of a 78-year-old female who had received CPA chemotherapy. These cells are negative for hormones estrogen (ER) and progesterone (PR) receptors, and tumor-associated antigens (CA19-9, CA125, and TPA) are not detected in OVTOKO cultures. OVTOKO cells express an evaluated level of epidermal growth factor (EGF). When transplanted into mice, OVTOKO cells are capable of forming tumors subcutaneously and in the abdominal cavity, and intraperitoneal injection results in peritoneal spread and distant metastasis. OVTOKO cell line provides a significant experimental cell models to investigate the tumorigenesis and malignant progression of human ovarian clear cell adenocarcinoma.

## Specification

Cell Type: Cancer cell line

Tissue/Organ: Ovary

Derived from Site: Metastatic; Spleen

Disease: Clear cell adenocarcinoma

Species: Homo sapiens (Human)

Genetic Background: Japanese

Sex of Donor: Female

Age: 78 years

## Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN<sub>2</sub>) cryopreservation.



## Intended Use

This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

## Culturing Guidance

Morphology: Epithelial-like

Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO<sub>2</sub>

## Unpacking and Storage Instructions

1. Visually inspect all packaging components for integrity and verify adequate dry ice.

If any damage is observed, notify Ascent Technical Support immediately.

2. Prioritize transfer to liquid nitrogen vapor phase storage system (-130°C or below).

Secondary option: -80°C mechanical freezer (short-term storage only).

Always maintain temperature strictly below -65°C.

## Disclaimer

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