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Rat Placental Chorionic Trophoblast Cells

Cat. No. ARP0417, 5×10⁵ cells/vial

Description

Research on the Rat Placental Chorionic Trophoblast Cells is essential to the study of trophoblast invasion defects, placental insufficiency, fetal resorption models, pregnancy-induced hypertension, and endocrine dysfunction. The placenta is a temporary organ developed in the uterus during pregnancy. It attaches to the uterine wall and connects to the developing fetus by the umbilical cord. Through the umbilical cord, the placenta provides oxygen and nutrients to the fetus. The Rat Placental Chorionic Trophoblast Cells are to be used with Rat Placental Chorionic Trophoblast Cell Medium (Cat. No. ACM0417). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: N/A

Tissue/Organ: Placenta

Disease: Normal

Species: Rattus norvegicus (Rat)

Genetic Background: N/A

Markers: Cytokeratin 7 (CK-7)

Symbols: RPCTC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN_2) 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, Polygonal

Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO_2

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

Ascent Research endeavors to provide accurate and up-to-date product information. However, no warranties or representations are made regarding its completeness or reliability. References to scientific literature and patents are for informational purposes only, and the customer assumes sole responsibility for verifying their accuracy.

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