

Rat Peritoneal Mesothelial Cells

Cat. No. ARP0243, 5×10^5 cells/vial

Description

Research on the Rat Peritoneal Mesothelial Cells is essential to the study of encapsulating peritoneal sclerosis (EPS), peritoneal dialysis-associated membrane failure, metastatic peritoneal carcinomatosis, and mesothelial-mesenchymal transition (MMT) in fibrosis. The peritoneum is a serous membrane that lines the abdominal cavity and covers the internal organs. The Rat Peritoneal Mesothelial Cells are to be used with Rat Peritoneal Mesothelial Cell Medium (Cat. No. ACM0243). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Epithelial Cells

Tissue/Organ: Peritoneum

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Vimentin, Keratin

Symbols: RPMC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Triangular, Irregular

Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO₂

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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