

# Rat Ureteral Epithelial Cells

Cat. No. ARP0253,  $5 \times 10^5$  cells/vial

## Description

Research on the Rat Ureteral Epithelial Cells is essential to the study of ureteral obstruction, urothelial hyperplasia, pyelonephritis-related ureteritis, and lithiasis-induced epithelial damage. The ureter is a pair of tubes composed of smooth muscle. It carries urine from the kidney to the bladder. The Rat Ureteral Epithelial Cells are to be used with Rat Ureteral Epithelial Cell Medium (Cat. No. ACM0253). 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: Ureter

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Cytokeratin

Symbols: RUEC

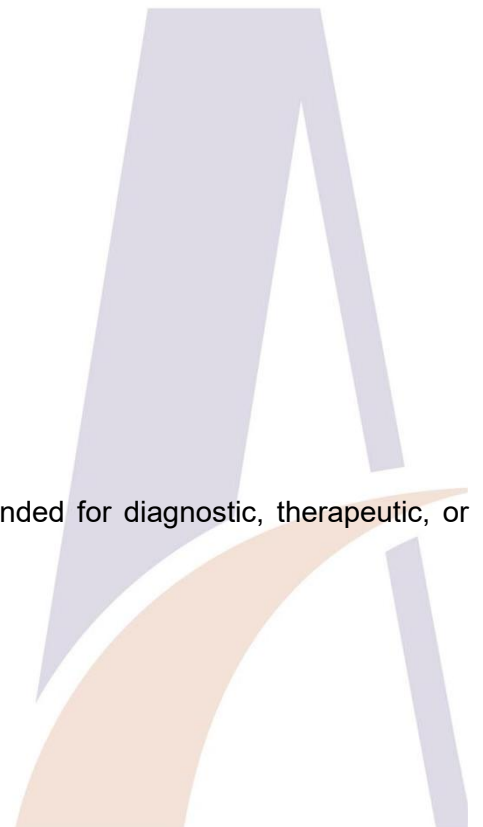
## Shipping & Storage

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: Cobblestone-like, Irregular

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

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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