

# Rat Gastric Mucosal Epithelial Cells

Cat. No. ARP0221,  $5 \times 10^5$  cells/vial

## Description

Research on the Rat Gastric Mucosal Epithelial Cells is essential to the study of gastritis, gastric ulcer formation, Helicobacter pylori infection, NSAID-induced mucosal injury, and gastric metaplasia. The stomach is a part of the digestive system that is located between the esophagus and the small intestine. It can primarily digest food and enable food to pass into the duodenum. The Rat Gastric Mucosal Epithelial Cells are to be used with Rat Gastric Mucosal Epithelial Cell Medium (Cat. No. ACM0221). 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: Stomach

Disease: Normal

Species: Rattus norvegicus (Rat)

Genetic Background: N/A

Markers: Cytokeratin 19 (CK-19)

Symbols: RGMEC

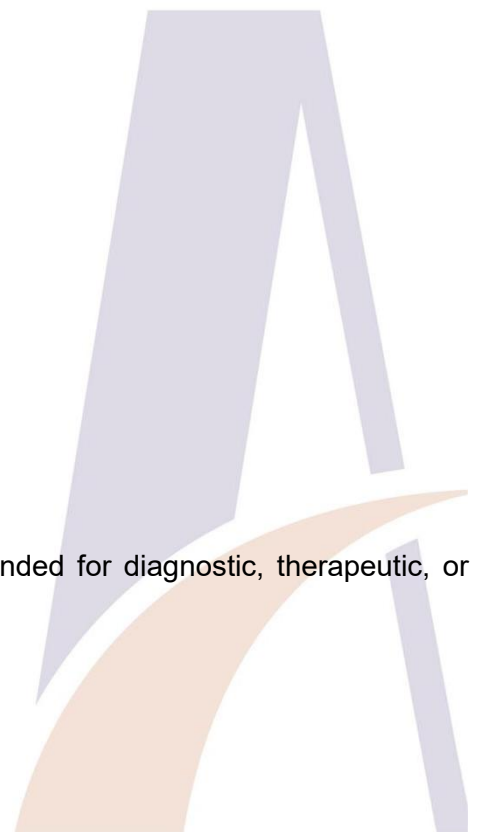
## Shipping & Storage

Shipping condition: Frozen on dry ice.

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

## Intended Use

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## 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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