

# Mouse Gastric Cajal Interstitial Cells

Cat. No. ARP0491,  $5 \times 10^5$  cells/vial

## Description

Research on the Mouse Gastric Cajal Interstitial Cells is essential to the study of gastroparesis, diabetic gastric emptying disorders, functional dyspepsia, postoperative ileus, and chronic intestinal pseudo-obstruction. 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 Mouse Gastric Cajal Interstitial Cells are to be used with Mouse Gastric Cajal Interstitial Cell Medium (Cat. No. ACM0491). 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: Stomach

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: CD117/c-kit

Symbols: MGCIC

## 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: Fusiform, 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

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