

# Rabbit Internal Anal Sphincter Smooth Muscle Cells

Cat. No. ARP0790,  $5 \times 10^5$  cells/vial

## Description

Research on the Rabbit Internal Anal Sphincter Smooth Muscle Cells is essential to the study of fecal incontinence, anal achalasia, postpartum sphincter injury, and age-related sphincter degeneration. The anus is the end of the digestive tract. The Rabbit Internal Anal Sphincter Smooth Muscle Cells are to be used with Rabbit Internal Anal Sphincter Smooth Muscle Cell Medium (Cat. No. ACM0790). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

## Specification

Cell Type: Muscle Cells

Tissue/Organ: Anus

Disease: N/A

Species: *Oryctolagus cuniculus* (Rabbit)

Genetic Background: N/A

Markers:  $\alpha$ -Smooth Muscle Actin ( $\alpha$ -SMA)

Symbols: RaIASSMC

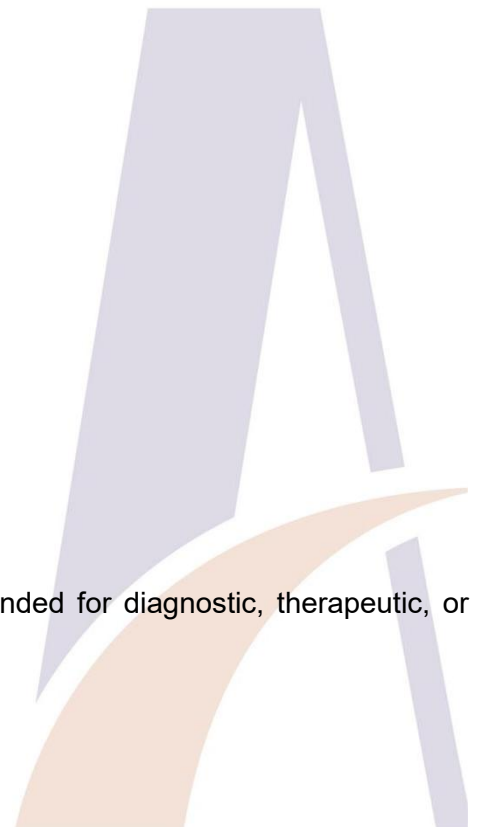
## Shipping & Storage

Shipping condition: Frozen on dry ice.

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

## Intended Use

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## Culturing Guidance

Morphology: 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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