

# Mouse Splenic Stromal Cells

Cat. No. ARP0594,  $5 \times 10^5$  cells/vial

## Description

Research on the Mouse Splenic Stromal Cells is essential to the study of experimental autoimmune disease models (e.g., rheumatoid arthritis), graft-versus-host disease studies, splenic extramedullary hematopoiesis, and sepsis-induced splenic remodeling. The spleen is an organ of the lymphatic and blood system, located in the upper left side of your abdomen. It is able to produce blood cells, store and filter blood, and protect the body from infection. The Mouse Splenic Stromal Cells are to be used with Mouse Splenic Stromal Cell Medium (Cat. No. ACM0594). 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: Spleen

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: Vimentin

Symbols: MSSC

## 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: Elongated 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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