

# Mouse T Lymphocytes

Cat. No. ARP0589,  $1 \times 10^6$  cells/vial

## Description

Research on the Mouse T Lymphocytes is essential to the study of experimental autoimmune encephalomyelitis (EAE, MS model), T-cell leukemia, transplant rejection, immunodeficiency (e.g., athymic rats), and cytokine storm syndromes. Peripheral blood refers to the blood circulating throughout the body. It is the fluid that travels through the heart, arteries, capillaries, and veins, and has wide and important roles related to the delivery of oxygen and nutrients, the removal of waste, the immune response, temperature regulation, etc. The Mouse T Lymphocytes are to be used with Mouse T Lymphocyte Medium (Cat. No. ACM0589). 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: Blood (peripheral blood)

Disease: Normal

Species: Mus musculus (Mouse)

Genetic Background: N/A

Markers: CD3

Symbols: ML

## 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: N/A

Growth Mode: Suspension

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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