

Mouse Monocytes

Cat. No. ARP0590, 5×10^5 cells/vial

Description

Research on the Mouse Monocytes is essential to the study of atherosclerosis, sepsis-induced inflammation, myocardial infarction repair, chronic kidney disease, and traumatic brain injury responses. 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 Monocytes are to be used with Mouse Monocyte Medium (Cat. No. ACM0590). 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: MO-1, MO-2

Symbols: MM

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Round, Irregular

Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO₂

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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