

Mouse Peripheral Blood Mononuclear Cells (PBMCs)

Cat. No. ARP0603, 1×10^6 cells/vial

Description

Research on the Mouse Peripheral Blood Mononuclear Cells (Pbmcs) is essential to the study of autoimmune arthritis, HIV/AIDS models, cytokine storm syndromes, and immunotoxicity testing. 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. N/A This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Immune Cells

Tissue/Organ: Blood (peripheral blood)

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: N/A

Symbols: MPBMC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Mixed morphology

Growth Mode: partly adherent, mostly in suspension

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

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