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Human Lymphatic Mononuclear Cells

Cat. No. ARP0063, 1×10^7 cells/vial

Description

Research on the Human Lymphatic Mononuclear Cells is essential to the study of the innate and adaptive immune system, lymphedema, lymphoma, autoimmune diseases (e.g., rheumatoid arthritis), metastatic cancer spread via lymphatics, and chronic inflammatory conditions. Lymph nodes are bean-shaped organs of the lymphatic system, distributed throughout the body but clustered in the neck, armpits, and groin. They consist of a capsule, cortex, and medulla, and contain a large number of lymphocytes. Lymph nodes are important parts of the human immune system, with their primary functions being to filter lymphatic fluid, remove pathogens, and activate immune cells to fight infections. 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: Lymph node

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: N/A

Symbols: HLMC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN_2) 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: N/A

Growth Mode: N/A

Temperature: 37°C

Atmosphere: 5% CO_2

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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