

Beagle CD14+ Monocytes

Cat. No. ARP1075, 2 million cells/vial

Description

Beagle Dog Monocytes are often referred to as CD14+ monocytes, because of their expression of CD14. They are a subset of mononuclear phagocytes expressing the CD14 receptor, involved in innate immunity and inflammation. CD14+ Monocytes are used to study monocyte function, inflammatory responses, and differentiation into macrophages or dendritic cells.

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Specification

Cell Type: Monocytes

Tissue/Organ: Blood (peripheral blood)

Disease: N/A

Species: Canis lupus (Dog)

Genetic Background: Beagle Dog

Markers: {{Markers}}

Shipping & Storage

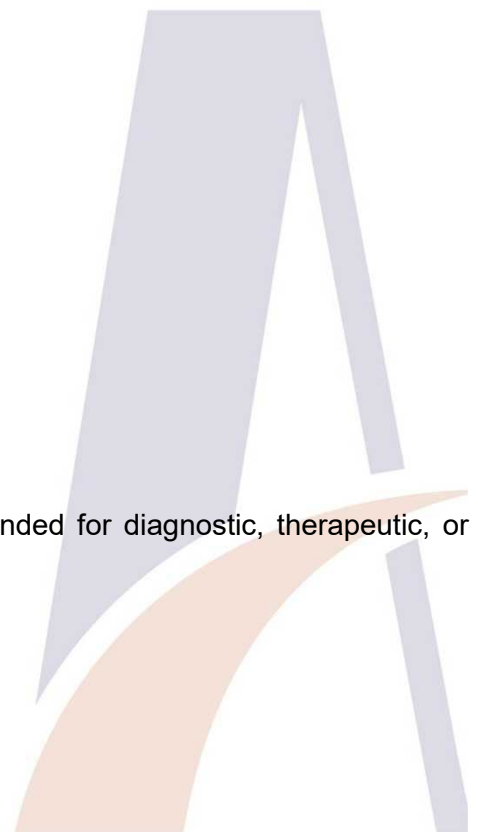
Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) 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% 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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