

Mouse Thymic Fibroblasts

Cat. No. ARP0525, 5×10^5 cells/vial

Description

Research on the Mouse Thymic Fibroblasts is essential to the study of normal thymus morphogenesis, lymphopoiesis, thymic involution, autoimmune dysregulation, and T-cell maturation defects. The thymus is the primary lymphoid organ of the immune system. It is where the immune cells are produced and mature. The Mouse Thymic Fibroblasts are to be used with Mouse Thymic Fibroblast Medium (Cat. No. ACM0525). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Fibroblasts

Tissue/Organ: Thymus

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: Fibronectin, Vimentin

Symbols: MTF

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Elongated fusiform, 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

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