

KMM-1

Cat. No. ARC1042, 1×10^6 cells/vial

Description

KMM-1 is a human myeloma cell line, established from the subcutaneous myeloma of a 62-year-old male patient. KMM-1 cells show the characteristics of plasma cell at the later stage B-cell differentiation. They can express cytoplasmic lambda antigen and secrete lambda chains into the culture medium. Moreover, the KMM-1 cells can react with the monoclonal antibodies of PCA-1 and CD38. This cell line is ENBA negative and non-tumorigenic.

Specification

Cell Type: Cancer cell line

Tissue/Organ: Tumor

Derived from Site: In situ, Subcutaneous myeloma (Ig λ)

Disease: Multiple myeloma (Plasma cell myeloma)

Species: Homo sapiens (Human)

Genetic Background: Japanese

Sex of Donor: Male

Age: 62 years

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: Lymphocyte-like

Growth Mode: 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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