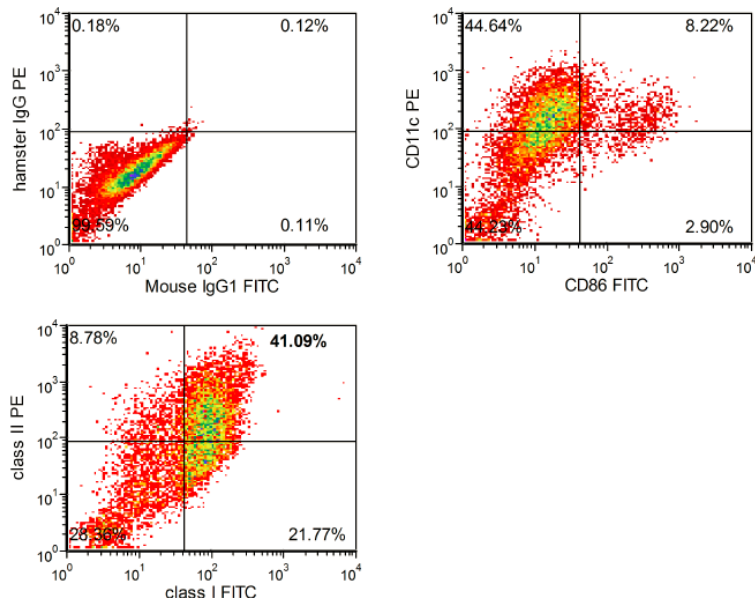


C57BL/6 Mouse Dendritic Cells (Bone Marrow-Derived) Specification Sheet



Above: An example of flow cytometry dot plots showing the distribution of surface markers on Mouse Dendritic Cells.

CELL FEATURES:

- Mouse Dendritic Cells are derived from bone marrow cells cultured with granulocyte-monocyte colony stimulating factor.
- Mouse Dendritic Cells are extensively tested for quality and optimal performance.
- Lifeline guarantees performance and quality.

C57BL/6 MOUSE BONE MARROW-DERIVED DENDRITIC CELLS ARE TESTED FOR:

• Cell Count	≥10 × 10 ⁶ cryopreserved cells per vial
• Cell Viability	Minimum 80% viability when thawed from cryopreservation
• Sterility Testing	Negative for bacterial and fungal growth
• Specific Staining	CD3, CD19, Class I MHC and Class II MHC—percent positive reported

PRODUCT INFORMATION:

Part #	Description
HC-0023	Mouse Dendritic Cells, C57BL/6 Mice, Primary – ≥10 × 10 ⁶ cells per vial
LM-0051	DMEM-AQHT-10% FBS Medium

Lifeline's Mouse Dendritic Cells

To place an order, please visit lifelinecelltech.com or call technical and customer service at 877.845.7787.

Lifeline's Mouse Dendritic Cells provide an ideal culture model for the study of the initiation of immune responses, delivery of antigens to dendritic cells, cytokine production, vaccines, and Toll-like receptors (TLRs).

Lifeline's Mouse Dendritic Cells are derived from the bone marrow of C57BL/6 mice and have been cultured with GM-CSF. Our Dendritic Cells are quality tested via flow cytometry to ensure proper expression of dendritic markers. Dendritic cells express CD3, CD19, Class I MCH and Class II MHC markers.

Quality Testing for Guaranteed Consistency and Reproducible Results

Lifeline Cell Technology manufactures products using the highest quality raw materials and incorporates extensive quality assurance in every production run. Exacting standards and production procedures ensure consistent performance.

The Lifeline® Guarantee

Lifeline's rigorous quality control ensures sterility and performance to standardized testing criteria. If Lifeline's products do not meet our posted performance and quality standards, we will replace them at no charge or provide a full refund. Upon request, Lifeline will provide lot specific QC test results, material safety data sheets, and certificates of analysis. See complete guarantee/warranty statement at lifelinecelltech.com or contact your Lifeline representative for more information.

Safety Statement

This product is for Research Use Only. This product is not approved for human or veterinary use or for use in *in vitro* diagnostics or clinical procedures.

Handling and Storage

Lifeline recommends storing cryopreserved vials in liquid nitrogen vapor phase. Handle cryopreserved vials with caution. Always wear eye protection and gloves when working with cell cultures. Aseptically vent any liquid nitrogen from cryopreserved vials by carefully loosening the vial cap in a biosafety cabinet prior to thawing the vials in a water bath. If vials must be stored in liquid phase, the vials should be transferred to vapor phase storage or -80°C for up to 24 hours prior to being thawed.

Call Lifeline Technical Service and Sales at [877.845.7787](tel:877.845.7787)
or visit lifelinecelltech.com for more information

Lifeline Cell Technology – 8415 Progress Drive, Suite T – Frederick, MD 21701

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