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DATA SHEET

Reagent:	✖ C10/MJ Cells
Catalog Number:	4407
Lot Number:	99522
Release Category:	B
Provided:	3 x 10 ⁶ cells/vial.
Propagation Medium:	RPMI 1640 supplemented with 1% L-glutamine 90%; fetal bovine serum, 10%.
Freeze Medium:	RPMI 1640 supplemented with 10% fetal bovine serum or 10% normal human serum, and 10% DMSO.
Growth Characteristics:	Thaw the cells rapidly and seed at ~10 ⁶ /mL. After three days, split to 6–7 x 10 ⁵ /mL. Cells grow in clumpy suspension, and are uniform in size, resembling lymphoblasts.
Sterility:	Negative for bacteria, fungi, and mycoplasma.
Description:	Cell line established by co-culturing umbilical cord blood lymphocytes with supernatants from a culture of primary lymphocytes producing HTLV-1.
Special Characteristics:	Cells are 100% IFN- γ production positive by intracellular cytokine staining. The cells serve as an excellent control for this procedure and for ELISPOT assays.
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Dean Mann and Dr. Miklaus Popovic.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

References:

Popovic M, Lange-Wantzin G, Sarin PS, Mann D, Gallo RC. Transformation of human umbilical cord blood T cells by human T-cell leukemia/lymphoma virus. *Proc Natl Acad Sci USA* 1983 **80**:5402-5406, 1983.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: C10/MJ Cells from Dr. Dean Mann and Dr. Miklaus Popovic." Please include the references cited above in any publications.

Last Updated

July 03, 2018

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