



NIH AIDS Reagent Program

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DATA SHEET

Reagent: 3T3-msCD40L Cells

Catalog Number: 12535

Lot Number: 150088

Release Category: C

Provided: 1 mL of 3T3-msCD40L cells at 2×10^6 cells/mL.

Cell Type: 3T3 mouse cell line expressing mouse CD40L.

Propagation Medium: DMEM with 10% FBS, 1% L-glutamine, and 0.1% gentamicin.

Growth Characteristics: Adherent cells

Morphology: Fibroblast-like

Description: 3T3-CD40L is a mouse fibroblast cell line that secretes mouse CD40L. 3T3-CD40L cells can be co-cultured with B cells to aid B cell expansion.

Special Characteristics: 3T3-CD40L cells should be irradiated in advance so that the cells secrete mouse CD40L for B cell activation and die off. Please see the reference for more details.

Recommended Storage: Liquid Nitrogen

Contributor: Mark Connors

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: J. Huang, N. A. Doria-Rose, N. S. Longo, L. Laub, C.-L. Lin, E. Turk, B. H. Kang, S. A. Migueles, R. T. Bailer, J. R. Mascola, M. Connors, Isolation of Human Monoclonal Antibodies from Peripheral Blood B Cells. Nat. Protoc. 8, 1907-1915 (2013)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cat#12535 3T3-msCD40L cells, from Dr. Mark Connors." Also include the reference cited above in any publications. Scientists at for-profit institutions or who intend commercial use of this reagent must contact: The Office of Technology Development, NIAID, 6610 Rockledge Drive, Suite 2800, MSC 6606, Bethesda, MD, 20892-6606, Tel:301-496-2644, Fax: 301-402-7123, before the reagent can be released.

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