



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	NIH-3T3 CD4+BoB+ Cells
Catalog Number:	3949
Lot Number:	98011
Release Category:	C
Provided:	1 vial (2 x 10 ⁶) frozen cells.
Propagation Medium:	DMEM, 90%; fetal bovine serum, 10%. Supplement with 3 µg/ml puromycin and pen/strep. G418 sensitive.
Freeze Medium:	Fetal bovine serum, 90%; DMSO, 10%.
Sterility:	Negative for bacteria, fungi, and mycoplasma.
Description:	NIH-3T3 cells expressing human CD4 and human BoB/GPR15.
Special Characteristics:	<p>NIH-3T3 cells were stably transduced with the MLV MX-CD4 retroviral vector and sorted for high CD4 expression. Cells were subsequently transduced with pBABE-puro-BOB and selected for puromycin resistance. Human CD4 and BOB/GPR15 expression are each directed by the MX vector and BABE vector MLV LTR elements, respectively.</p> <p>Cell line for HIV/SIV infections. As murine cells do not replicate HIV/SIV efficiently, these cells are typically used for infections with HIV/SIV Env pseudotyped vectors (ex: HIV-luc), or in syncytium assays, but not with replication-competent virus infections.</p> <p>Alternate names: 3T3.T4.BOB</p>
Contributor:	Dr. Dan Littman.
References:	Deng H-K, Unutmaz D, KewalRamani VN, Littman DR. Expression and cloning of new receptors used by simian and human immunodeficiency viruses. <i>Nature</i> 388 :296-300, 1997.

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: NIH-3T3 CD4+BoB+ Cells from Dr. Dan R. Littman." Also include the reference cited above in any publications.

Patent pending. Scientists at for-profit institutions or who intend commercial use of this reagent must contact the New York University Office of Industrial Liaison at the following email address: abram.goldfinger@nyumc.org

Last Updated

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