



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	NIH-3T3 Cells
Catalog Number:	9946
Lot Number:	051163
Release Category:	A
Provided:	2 x 10 ⁶ cells/vial, viability is 94%.
Cell Type:	Mouse fibroblast cell line.
Propagation Medium:	High glucose DMEM, 90%; fetal bovine serum, 10%.
Freeze Medium:	High glucose DMEM, 70%; fetal bovine serum, 20%; DMSO, 10%.
Growth Characteristics:	Adherent cell line, doubling time of approximately 20 hours.
Morphology:	Fibroblast.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Special Characteristics:	Mouse fibroblast cell line used in deriving NIH 3T3/MX-DC-SIGN (Cat# 9947) and NIH 3T3MX-/L-SIGN (Cat# 9948) cells.
Recommended Storage:	Liquid nitrogen.
Contributor:	Drs. Thomas D. Martin and Vineet N. KewalRamani, HIV Drug Resistance Program, NCI.

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: Wu L, Martin TD, Vazeux R, Unutmaz D, KewalRamani VN. Functional evaluation of DC-SIGN monoclonal antibodies reveals DC-SIGN interactions with ICAM-3 do not promote human immunodeficiency virus type 1 transmission. *J Virol* **76**:5905-5914, 2002.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: NIH-3T3 Cells from Drs. Thomas D. Martin and Vineet N. KewalRamani." Also include the reference cited above in any publications.

Last Updated August 31, 2017

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