

DATA SHEET

For research use only. Not for use in humans.

Reagent:	NIH-3T3 Cells
Catalog Number:	ARP-9946
Lot Number:	200005
Provided:	Each vial of ARP-9946 contains approximately 5×10^6 cells in 0.6 mL of freeze medium. Post-thaw viability was 95%.
Cell Type:	ARP-9946 is a mouse fibroblast cell line.
Propagation Medium:	The recommended propagation medium is 90% DMEM with GlutaMAX supplemented with 10% fetal bovine serum (FBS).
Freeze Medium:	The recommended freeze medium is Gibco Recovery Cell Culture Freezing Medium.
Growth Characteristics:	ARP-9946 is an adherent cell line with a doubling time of approximately 20 hours.
Sterility:	Tests for bacteria and fungi were negative. Mycoplasma testing was inconclusive.
Description:	ARP-9946 is a cell line used in deriving NIH-3T3DC-SIGN+ (BEI Resources Catalog No. ARP-9947) and NIH-3T3-SIGNR+ (L6) (BEI Resources Catalog No. ARP-9948) cells.
Recommended Storage:	Keep at -100°C or colder, preferably in the vapor phase of a liquid nitrogen freezer.
Contributor:	Dr. Thomas D. Martin and Dr. Vineet N. KewalRamani, HIV Drug Resistance Program, National Cancer Institute (NCI)
References:	Wu, L., et al. "Functional Evaluation of DC-SIGN Monoclonal Antibodies Reveals DC-SIGN Interactions with ICAM-3 Do Not Promote Human Immunodeficiency Virus Type 1 Transmission." <i>J. Virol.</i> 76 (2002): 5905-5914. PubMed: 12021323.
Citation:	Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: NIH-3T3 Cells, ARP-9946."
Biosafety Level: 1	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <i>Biosafety in Microbiological and Biomedical Laboratories (BMBL)</i> . Current Edition. Washington, DC: U.S. Government Printing Office.
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