

NIH-3T3 CD4+ Cells

Catalog No. HRP-3945

Product Description:

HRP-3945 cells are NIH-3T3 cells that express human CD4. NIH-3T3 cells were stably transduced with the MLV MX-CD4 retroviral vector and selected for high CD4 expression. Human CD4 expression is directed by MLV LTR. HRP-3945 lot 70049005 was produced by culture with DMEM supplemented with 10% fetal bovine serum, nonessential amino acids (NEAA), sodium pyruvate and penicillin-streptomycin.

Lot: 70049005

Manufacturing Date: 23NOV2021

TEST	SPECIFICATIONS	RESULTS
Growth Properties	Adherent	Adherent
Total Cell Count	> 1.0 × 10 ⁶ cells/vial	> 1.0 × 10 ⁶ cells/vial
Post-Freeze Viability	≥ 50%	> 90%
CD4 Expression (Flow Cytometry)	CD4 expression	CD4 expression ¹
Sterility (21-day incubation) Blood agar, 37°C, aerobic Potato agar, 37°C, aerobic LB broth, 37°C, aerobic	No growth No growth No growth	No growth No growth No growth
Mycoplasma Contamination DNA detection by PCR of extracted Test Article nucleic acid	None detected	None detected

¹Blocked with ChromePure Whole Mouse IgG (Jackson ImmunoResearch Catalog No. 015-000-003) and stained with anti-hCD4-FITC mouse IgG1k (BD Biosciences Catalog No. 555346). Expression was measured by flow cytometry.

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23 JUL 2025

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