

NK-92MI

Catalog No: tcel533



Available Sizes

Size: 1×10⁶cells/t25culturebottle



Specifications

Application:

The cell line is cytotoxic to a wide range of malignant cells; it kills both K562 cells and Daudi cells in chromium release assays.

Subculturing:

Cultures can be maintained by the addition of fresh medium or replacement of medium. Alternatively, cultures can be established by centrifugation with subsequent resuspension at the subcultivation ratio of 1:2-1:3.

Product Description

NK-92 and this derivative cell line NK-92MI have the following characteristics: surface marker positive for CD2, CD7, CD11a, CD28, CD45, CD54 and CD56 bright; surface marker negative for CD1, CD3, CD4, CD5, CD8, CD10, CD14, CD16, CD19, CD20, CD23, CD34 and HLA-DR. The parental IL-2 dependent cell line is available as NK-92. NK-92MI was shown to contain, express, and synthesize the hIL-2. A culture submitted to the ATCC in September of 1998 was found to be contaminated with mycoplasma. Progeny were cured by a 21-day treatment with BM Cycline. The cells were assayed for mycoplasma, by the Hoechst stain, PCR and the standard culture test, after a six-week period following treatment. All tests were negative. ATCC confirmed this cell line is positive for the presence of Epstein-Barr viral DNA sequences via PCR.



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