

Supplemental Figure 1: **Incubation with pep4 derived from NKp46 inhibits target cells lysis by NK cells.**

The cytotoxic activity of NK cells against various targets was assayed in 5hr ³⁵S-Methionine release assays. ³⁵S-labeled 721.221 target cells were co-incubated with human primary NK cells (A) and ³⁵S-labeled CHO-K1 cells were co-incubated with NKp46- expressing NK-92 cell line (B) at 40:1 E:T ratio in the presence of pep4 or mock peptide. NKp46 expression for NKp46-expressing NK-92 and human primary NK cells is shown in the corresponding insets. The lysis levels were calculated by the following equation: % of specific lysis = [(cpm experimental well - cpm spontaneous release)/(cpm maximal release - cpm spontaneous release)] X 100. The results are from one representative experiment out of 2 experiments performed. Bars, ±SD. * P-value < 0.05, ** P-value < 0.01.

