



Figure S1 The population and cytotoxicity of CD3⁺CD56⁺ CIK cells, and the effect on the proliferation of lung cancer cell lines NCI-H1650 and A549, and human lung epithelial cells BEAS-2B. (A) CIK cells were stained for CD3 and CD56, and the population of corresponding CIK cells was calculated; (B) cell viability of CIK cells harboring oncolytic adenoviruses ZD55-EGFP, ZD55-TRAIL, ZD55-MnSOD, ZD55-TRAIL+ZD55-MnSOD, and ZD55-TRAIL-IETD-MnSOD was determined at 7, 11, 14, and 21 days post-transfection; (C) cytopathic effects of CIK cells expressing the TRAIL-IETD-MnSOD fusion gene on the proliferation of HLA-1⁺ and HLA-1⁻ cells of NCI-H1650, A549, and BEAS-2B; (D) cytopathic effects of CIK cells expressing TRAIL-IETD-MnSOD fusion gene on the proliferation of NCI-H1650, A549, and BEAS-2B at different effector-to-target (E:T) ratios in co-cultivated cells by CCK8. *P<0.05 and **P<0.01 indicated a statistically significant difference between 2 groups.