Figure S1. Flow cytometry gating strategy for the detection immune cells in subcutaneous Lewis lung carcinoma tumors.
Figure S2. R848 treatment in NK-, CD4\(^+\) T cell- or CD8\(^+\) T cell-depleted mice with Lewis lung carcinoma subcutaneous tumors. (A) Tumor volumes were recorded following depletion of NK cell and CD4\(^+\) T cells (NK group, n=5; CD4\(^+\) T group, n=8-10). (B and C) A total of 1x10\(^6\) CD8\(^+\) T cells were isolated from OT1 transgenic mice and added to DC-NK co-cultures for 3 days in the presence of R848 or PBS. (B) CD8\(^+\) T cell proliferation and (C) the frequency of IFN-\(\gamma\)/CD8\(^+\) T cells were detected using flow cytometry. (D) Tumor weight and (E) survival of the mice following CD4\(^+\) T and CD8\(^+\) T cell depletion (n=8-10). *\(P<0.05\), **\(P<0.01\) and ***\(P<0.001\) compared with the PBS control group. R848, resiquimod; NK, natural killer; DC, dendritic cells; NS, not significant.