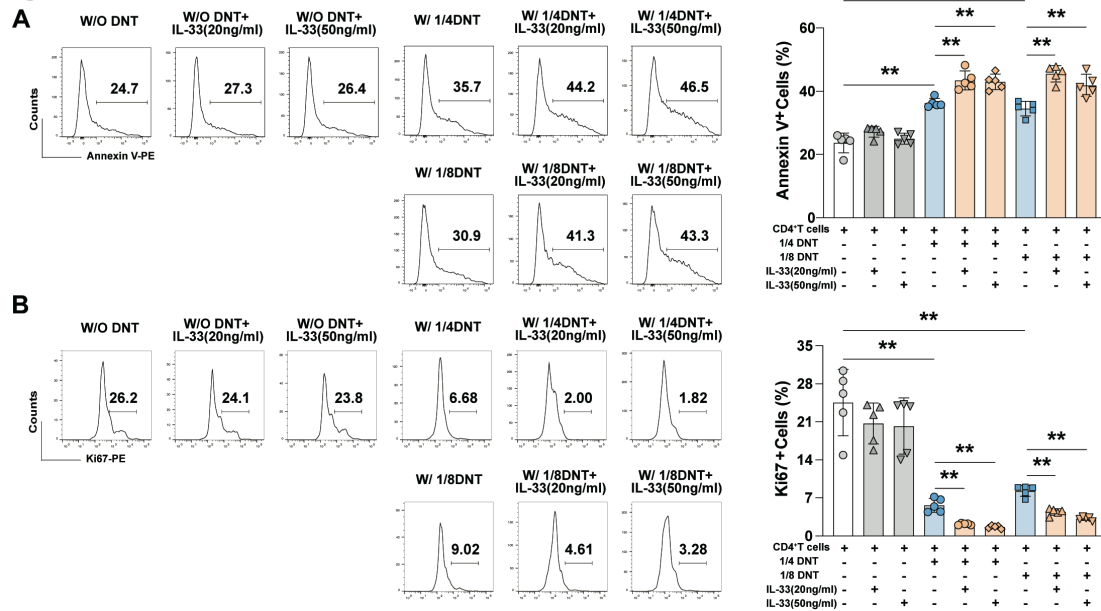


1 Supplementary Figures

Figure S1



2

3 **Figure S1. Continuous IL-33 stimulation improved DNT cell suppression**

4 **functions *in vitro*.** DNT cells and IL-33 were added to the MLR *in vitro*. **(A)**

5 Representative histogram plots and quantification of CD4⁺CD25⁻ T cell apoptosis

6 (Annexin V⁺) in each group on the 5th day. **(B)** Representative histogram plots and

7 quantification of CD4⁺CD25⁻ T cell proliferation (Ki67⁺). Experiments were repeated

8 twice. Data are represented as the mean $\pm$ SD, n=5/group. **p < 0.01.

9

Figure S2

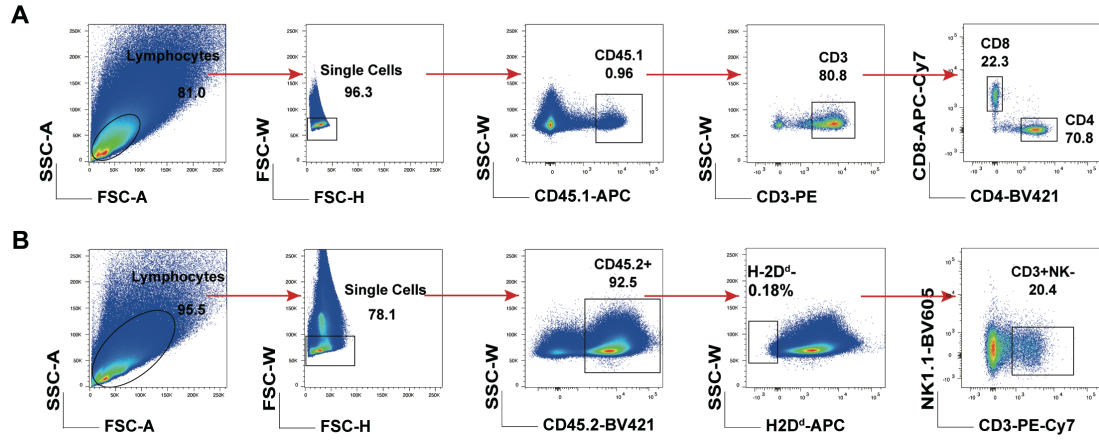


Figure S2. Gating strategy of target cells in the spleen. (A) Gating strategy of CD45.1⁺CD3⁺, CD45.1⁺CD4⁺ and CD45.1⁺CD8⁺ T cells in the spleen. **(B)** Gating strategy of adoptively transferred DNT cells in the spleen.

Figure S3

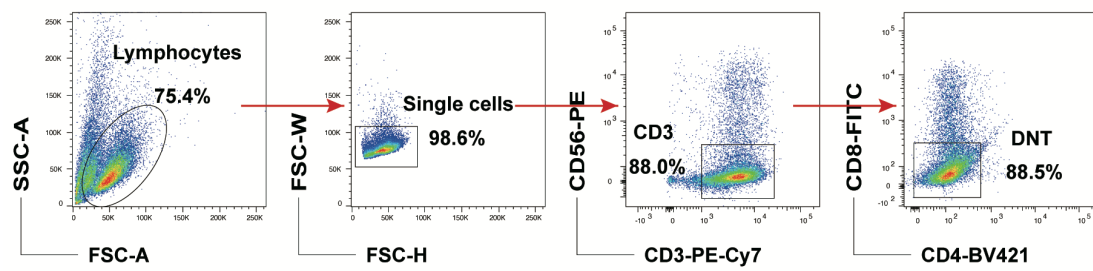


Figure S3. Gating strategy of human DNT cells. DNT cells were isolated from PBMCs by a double negative T cell isolation kit. After expansion *in vitro*, DNT cells were gated and tested.