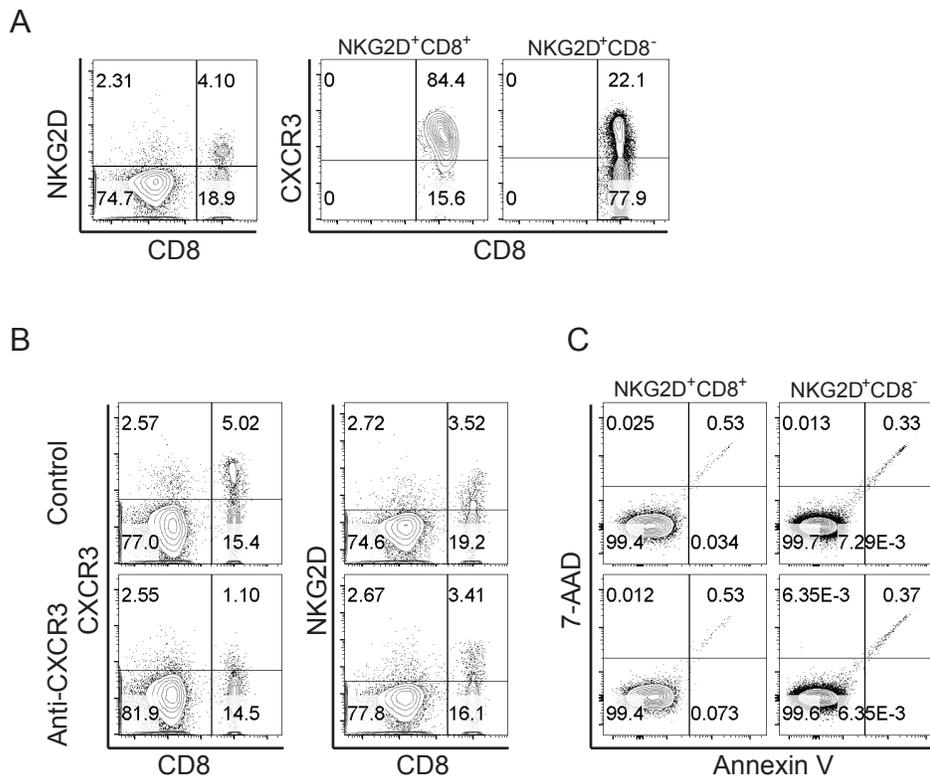
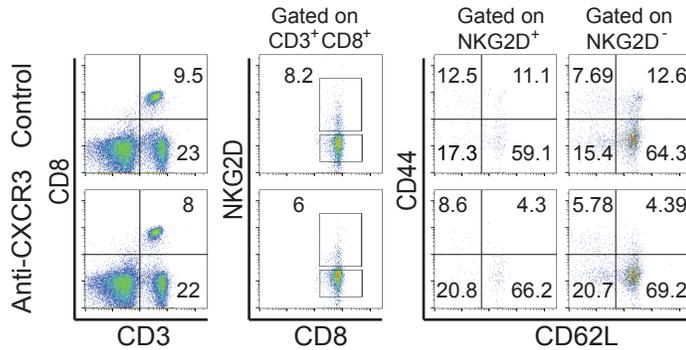


Supplementary Figure 1.



Supplementary figure 1. Down-regulation of the expression of CXCR3 on T cells by anti-CXCR3 Ab treatment. (a) NKG2D⁺CD8⁺ T cells are CXCR3 positive in SDLN from C3H/HeJ mice with AA. (b) C3H/HeJ AA mice were treated with 1 mg anti-CXCR3 mAb (CXCR3-173) or isotype Ab for 1 week. SDLN cells from these two groups were first stained with anti-CXCR3 mAb (CXCR3-173) without fluorescent conjugation. Fluorescent conjugated anti-hamster (Armenian) specific secondary Ab (no cross with mouse or rat) was then used for the detection of anti-CXCR3 mAb on cell surfaces. After which the cells were stained with other fluorescent conjugated Abs (all rat). The dead cells were determined by 7-AAD and Annexin V staining.

Supplementary Figure 2.



Supplementary figure 2. CXCR3 blockade reduces CD44^{hi}CD62L^{hi} (central memory) and CD44^{hi}CD62L^{low} (effector/memory) T cells among the NKG2D⁻CD8⁺ T cells. (a) CD44^{hi}CD62L^{hi} (central memory) and CD44^{hi}CD62L^{low} (effector/memory) T cells among the NKG2D⁻CD8⁺ T cells within SDLNs in C3H/HeJ mice expressed high level of CXCR3. (b) The frequency of CD44^{hi}CD62L^{hi} and CD44^{hi}CD62L^{low} T cells among the NKG2D⁻CD8⁺ T cells within SDLNs in C3H/HeJ mice was reduced by anti-CXCR3 mAb treatment.