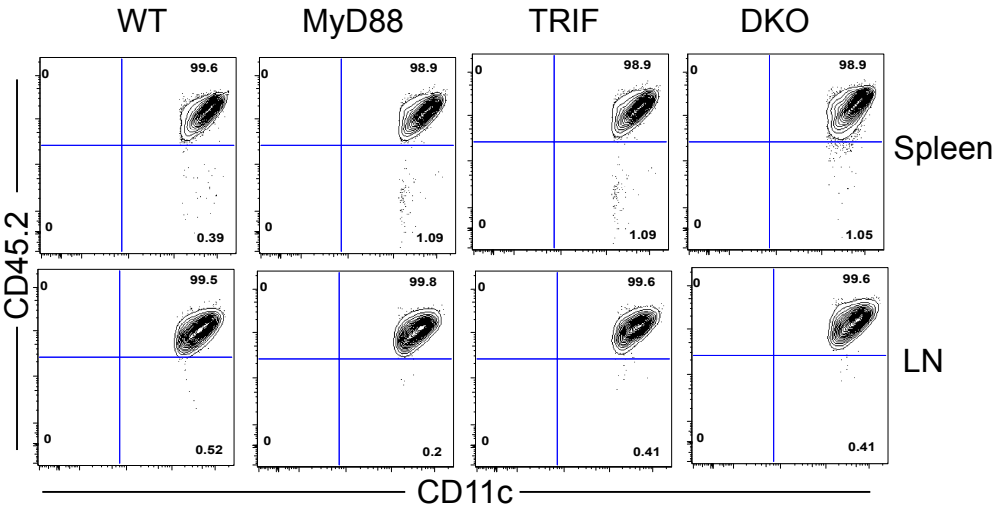
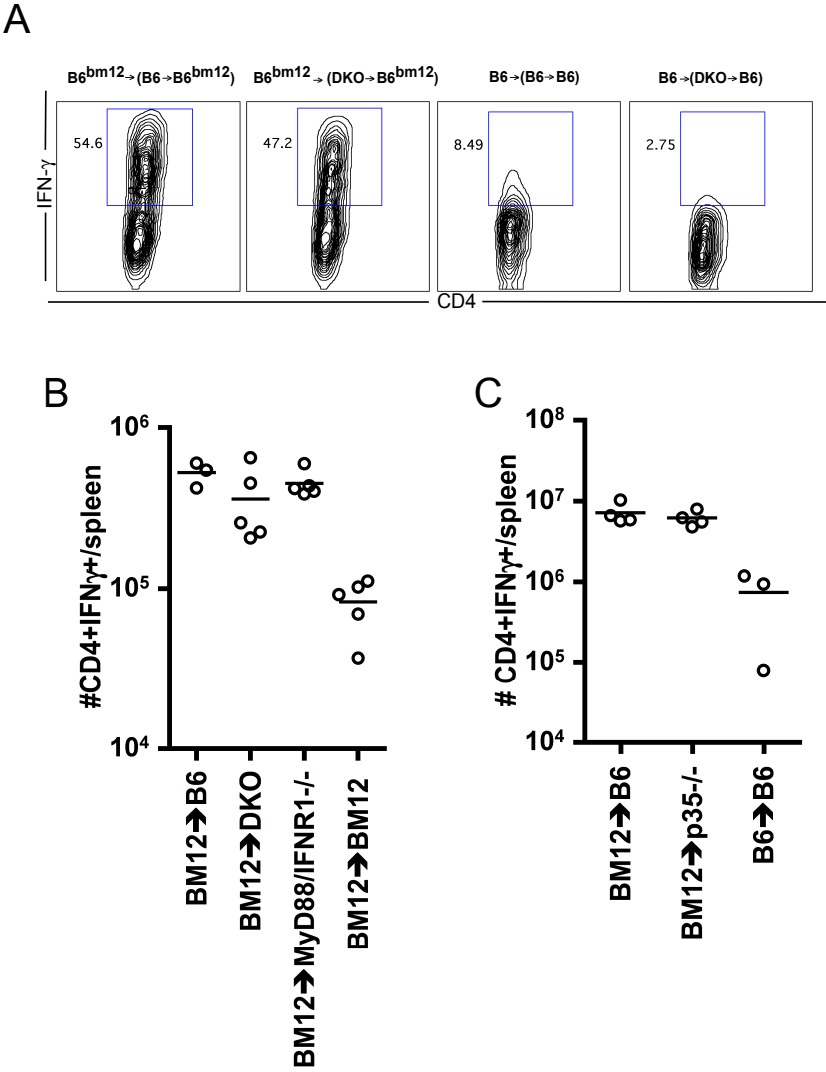


Supplemental Figure 1.



Supplemental Figure 2.



Supplemental Figure 3.

Supplemental Figure 1. B6 wild type of B6 CD40^{-/-} mice were irradiated and reconstituted with C3H.SW BM, with no T cells or with 2-3 x 10⁶ C3H.SW CD8 cells. Data combined from two independent experiments. *P*<0.5 comparing wt BM alone vs. wt CD8 from day+14; *P*<0.05 since day+25 comparing CD40^{-/-} BM alone vs CD8; wt and CD40^{-/-} CD8 recipient groups did not differ at any time. Wt BM alone mice gained more weight than did CD40^{-/-} BM alone recipients (*P*<0.05 since +14) likely because wt mice were younger with starting weights 10-15% lower than were CD40^{-/-} mice.

Supplemental Figure 2. Representative flow cytometry of spleen and LN of CD45.1 recipients of CD45.2 wt, MyD88^{-/-}, TRIF^{-/-} or DKO BM. Data are gated on lineage-PI-CD11c⁺ cells. Shown is CD11c vs CD45.2 (donor).

Supplementary Figure 3. B6^{bm12} CD4 cells make IFN- γ when transplanted into mice with DKO or p35^{-/-} APCs. A. wt \rightarrow B6^{bm12}, MyD88^{-/-} \rightarrow B6^{bm12}, TRIF^{-/-} \rightarrow B6^{bm12}, and DKO \rightarrow B6^{bm12} BM chimeric mice were reirradiated and reconstituted with B6^{bm12} BM and CD4⁺CD44⁻CD62L⁺ naïve T cells. Mice were sacrificed and day +7 and splenocytes were analyzed for intracellular cytokines. Shown are representative plots gating on live (PI-) CD4 cells. B. Wt, DKO, MyD88/IFNAR1^{-/-} and B6^{bm12} mice were irradiated and reconstituted with B6^{bm12} BM and sort-purified CD4⁺CD62L⁺CD44⁻ B6^{bm12} naïve T cells. Mice were sacrificed on day 7 and the numbers of IFN- γ ⁺ CD4 cells were enumerated. Data are representative of at least 2 experiments. *P*>0.25 comparing B6^{bm12} \rightarrow B6 to B6^{bm12} \rightarrow DKO or B6^{bm12} \rightarrow MyD88/IFNAR1^{-/-} recipients. *P*≤0.004 comparing any B6 host to the B6^{bm12} \rightarrow B6^{bm12} syngeneic control. C. B6 and B6 p35^{-/-} mice were transplanted and analyzed as in B. Additionally B6 mice were irradiated and reconstituted with B6 BM and sort-purified CD4⁺CD62L⁺CD44⁻ B6 naïve T cells as a syngeneic control. *P*=0.49 comparing allogeneic B6 and p35 recipients. *P*=0.029 comparing either allogeneic recipient group versus the syngeneic B6 control group.