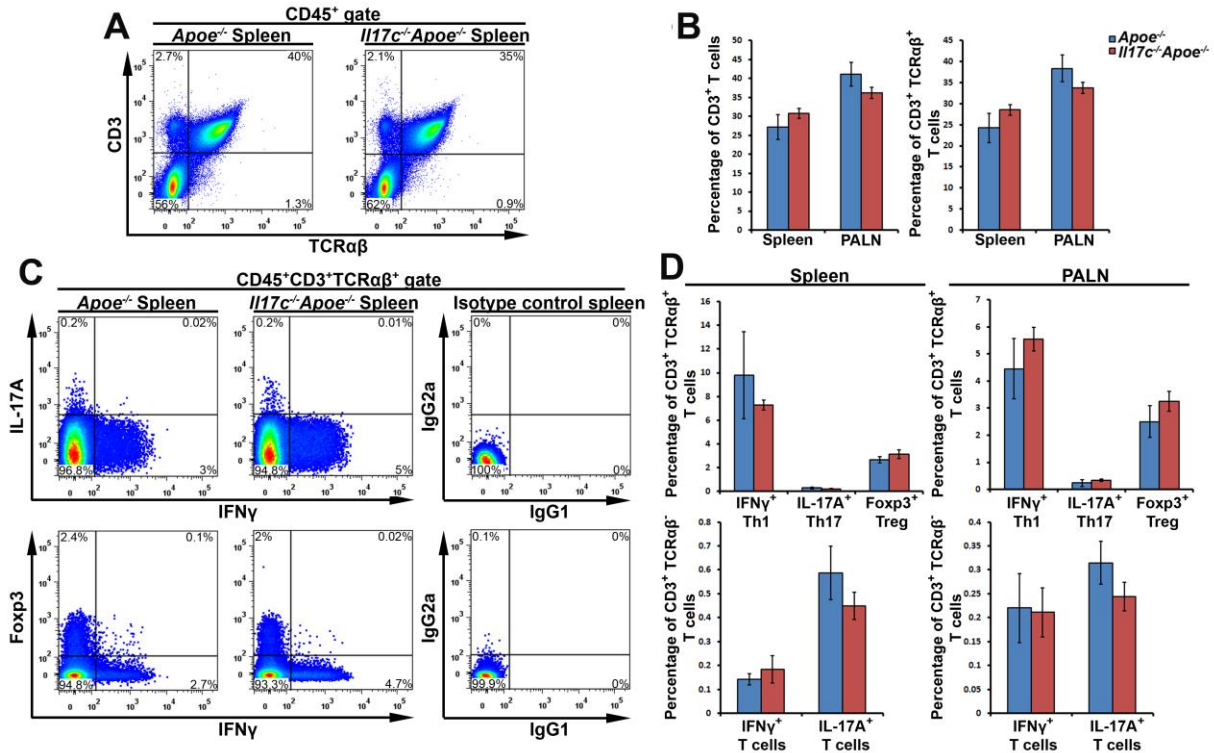


Supplemental Figure I

Supplemental Figure I: Aortic vascular cell flow cytometry gating scheme. Representative scheme for gating on vascular cell subsets for the flow cytometry experiments in Figure 1. Single CD45⁻ vascular cells were gated and subdefined as follows: CD45⁻CD31⁺: endothelial cells, CD45⁻CD31⁻αSMA⁺: Smooth muscle cells, CD45⁻CD31⁻ αSMA⁻CD29⁺: fibroblasts, CD45⁻CD31⁻ αSMA⁻CD29⁻: remaining vascular cells.



Supplemental Fig. II

Supplemental Figure II: Peripheral T cells and T cell subsets are not impacted by IL-17C deficient conditions.

(A-D) 12 week WD *Apoe^{-/-}* and *Il17c^{-/-}Apoe^{-/-}* spleens and peri-aortic lymph nodes were stained with anti-CD45, CD3, TCRαβ, IL-17A, IFNγ, and Foxp3 antibodies or appropriate isotype controls, and assessed via flow cytometry. (A) Representative CD3 and TCRαβ staining of *Apoe^{-/-}* and *Il17c^{-/-}Apoe^{-/-}* splenocytes. (B) Quantification of the percentage of splenic and peri-aortic lymph node CD3⁺ T cells and CD3⁺TCRαβ⁺ T cells. (C) Representative IL-17A, IFNγ, and Foxp3 staining within *Apoe^{-/-}* and *Il17c^{-/-}Apoe^{-/-}* splenic CD3⁺TCRαβ⁺ T cells. (D) Quantification of the percentage of splenic and peri-aortic lymph node Th1, Th17, Treg, CD3+ TCRγδ⁺ IL-17A⁺ T cell and CD3+ TCRγδ⁺ IFNγ⁺ T cell contents. Red – *Apoe^{-/-}*, Blue – *Il17c^{-/-}Apoe^{-/-}* mice. n=7-11 mice/genotype, 4 independent experiments, bars depict means±SEM.