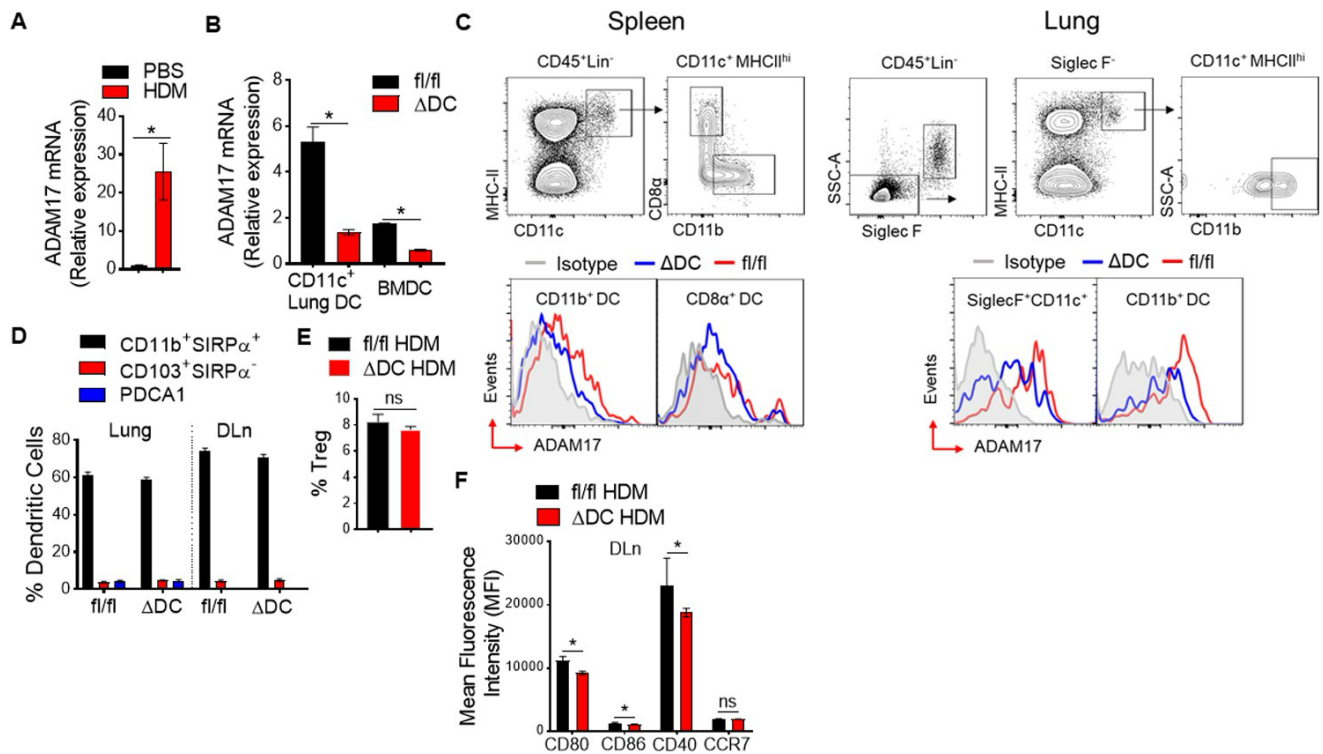


Supplementary Figure S1.



qRT-PCR analyses for ADAM17 mRNA expressions in **(A)** lung and **(B)** ex vivo isolated lung DC and bone marrow-derived DC (BMDC) from fl/fl and ΔDC mice. Results are expressed as fold change +/- S.E.M. normalized to the β-actin expression. n = 4 per group. Student's *t*-test, **p* < 0.05. Conventional DC-specific ablation of ADAM17. **(C)** FACS plot shows the gating strategy of CD11b⁺ DC and non-CD11b⁺ DC population with corresponding ADAM17 protein expression in the spleen (left) and lung (right) of fl/fl and ΔDC mice. Bar graph shows mean percentages (+/- S.E.M) of **(D)** lung DC subset populations; **(E)** FOXP3⁺ regulatory T cells; and **(F)** surface activation marker expressions of DC in draining mediastinal lymph node (DLN) from fl/fl and ΔDC asthmatic mice. Results are representative of two independent experiments; n = 4 to 7 mice per group; **p* < 0.05 unpaired Student's *t*-test.