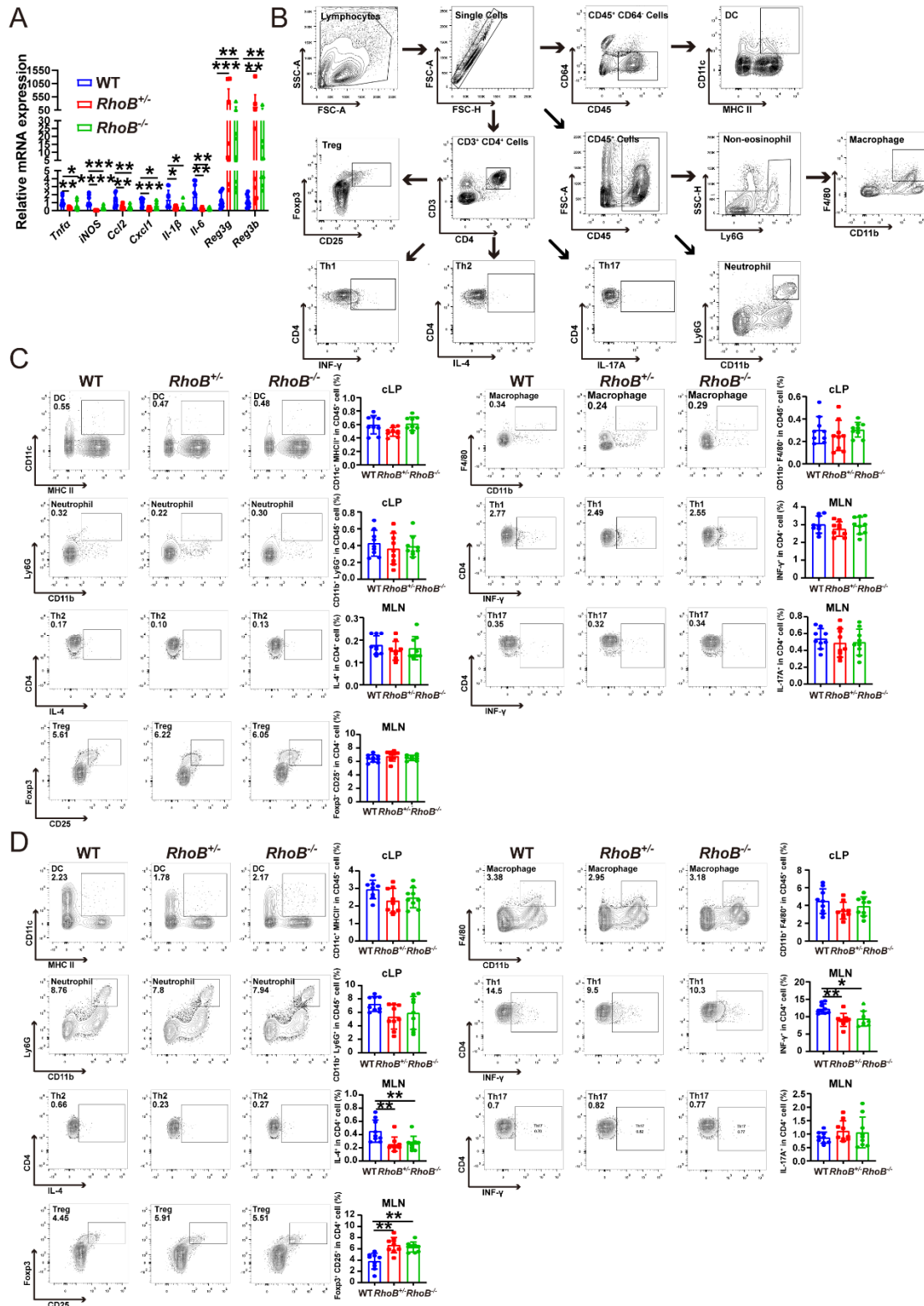




**Figure S2. RhoB deficiency alleviates inflammatory responses to DSS treatment. (A)** mRNA expression levels of anti-microbial peptides and proinflammatory cytokines in the colons of indicated mice measured by real-time PCR ( $n = 9$  from 2 independent experiments). **(B)** Gating strategy for flow cytometry analysis of immune cells. **(C)** Representative flow cytometry analysis of the indicated cells (left) and percentage (right) of indicated cells in mesenteric lymph nodes (MLN) and colonic lamina propria

(cLP) from indicated naive mice (n = 9 from 2 independent experiments). **(D)** Representative flow cytometry analysis of the indicated cells (left) and percentage (right) of indicated cells in MLN and cLP from indicated mice after DSS administration (n = 9 from 2 independent experiments). Data are the mean  $\pm$  SD. Statistical significance was determined by one-way ANOVA (A, C and D). \* $p$  < 0.05, \*\* $p$  < 0.01, \*\*\* $p$  < 0.001.