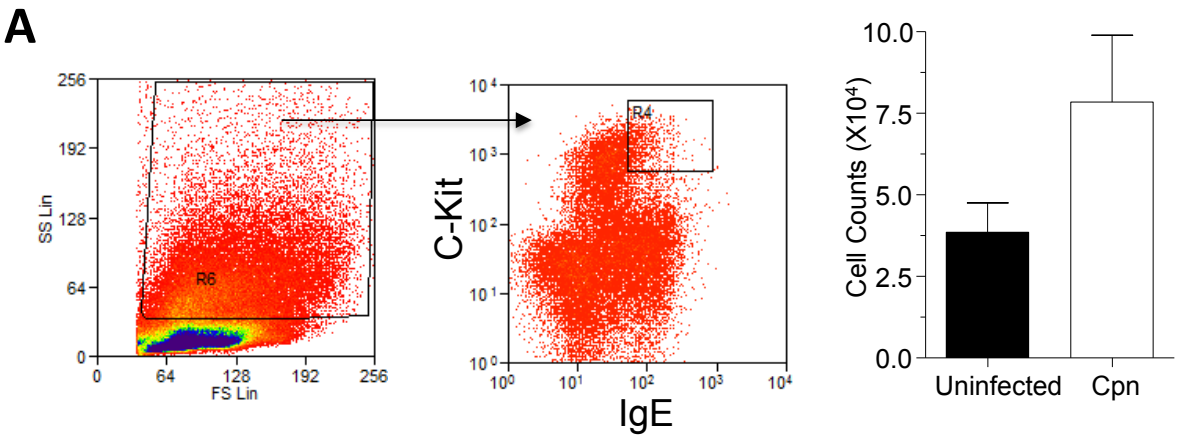
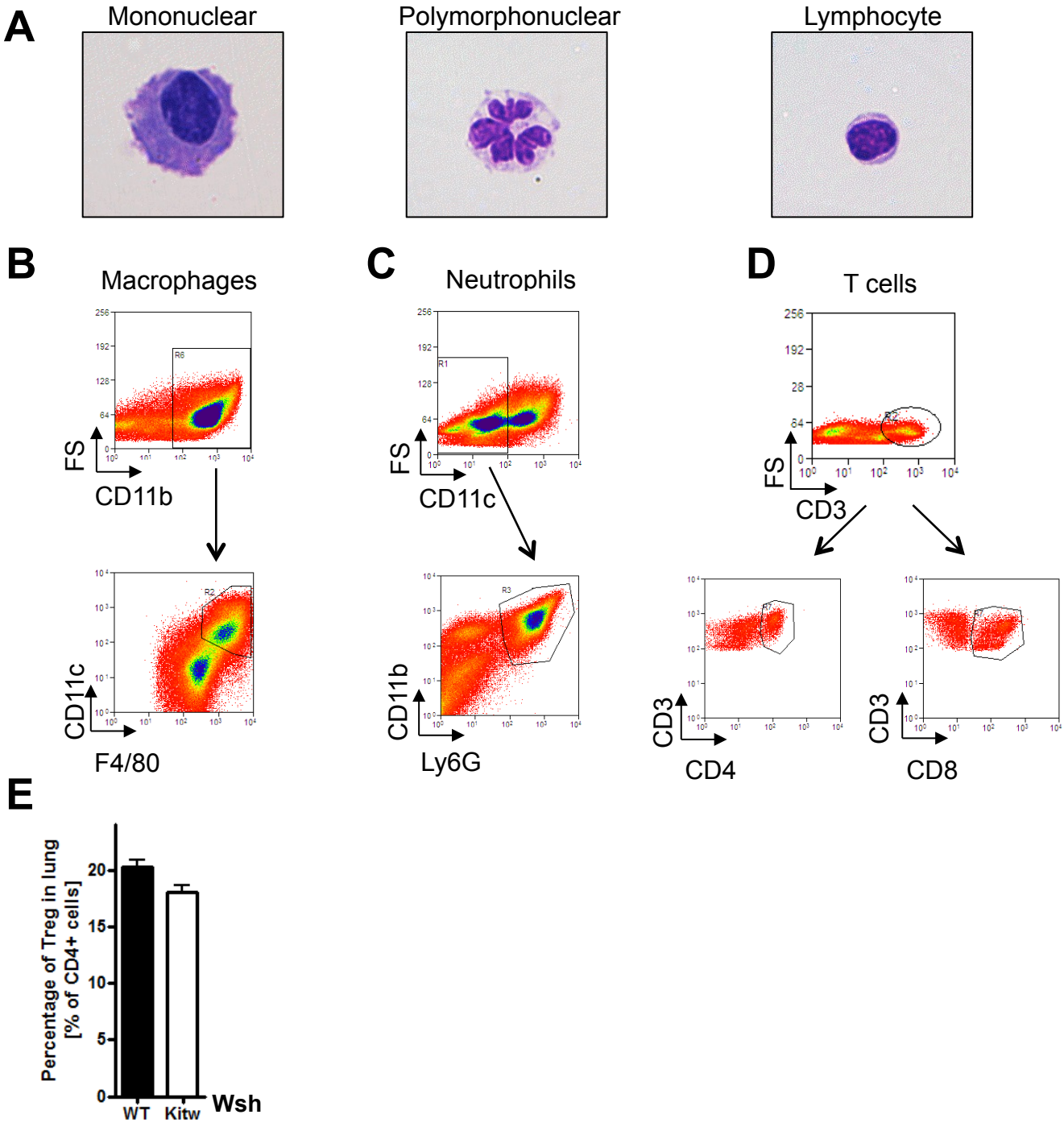
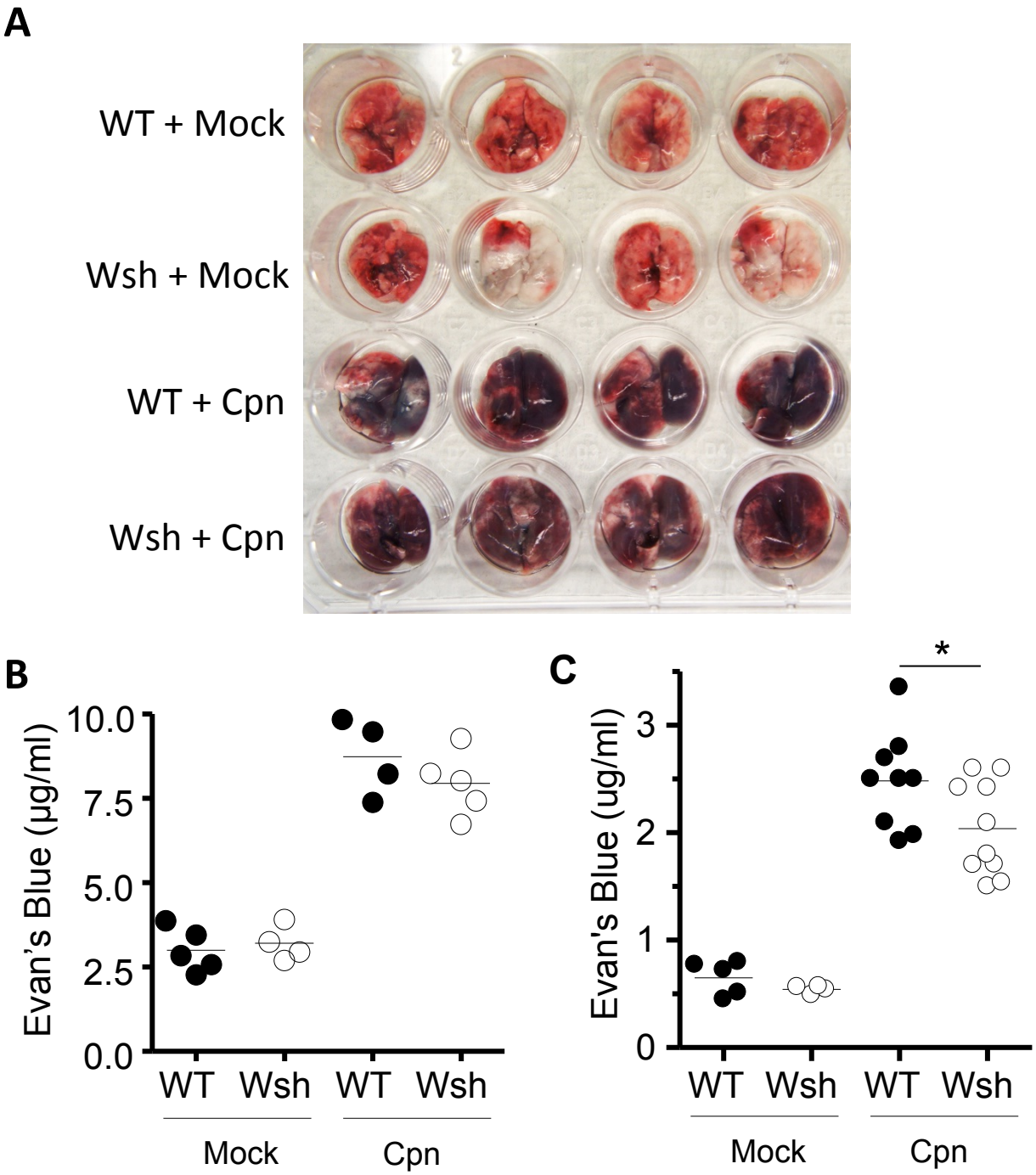


Supplementary Figure 1. Mast cells in WT mice. Single Lung cells were prepared as described in Material and Methods. A) Mast cells were identified as side scatter high and double positive for c-kit and IgE on the surface (n=5). Data are mean ± SD. Significance of differences was determined by the Mann-Whitney test.



Supplementary Figure 2. Giemsa-Wright staining. Flow cytometry gating schemes for lung immune cells. Treg numbers in Wsh mice. A) BALF cells were stained using Giemsa-Wright staining. Representative images are shown at 400x. B-D) Single Lung cells were prepared as described in Material and Methods. B) Alveolar macrophages were gated as CD11b+ CD11c+ F4/80+. C) Neutrophils were gates as CD11c- CD11b+ Ly6G+. D) T-cells were gated as CD3+ and either CD4+ or CD8+. E) Cells were stained intracellular Foxp3 following cell surface CD4 and CD25 staining and analyzed by flow cytometry. n=5. Data are mean ±SD. Significance of differences was determined by the Mann-Whitney test.



Supplementary Figure 3. Vascular permeability was not altered in Wsh during Cpn infection in the lung, but is in the BALF. (A) Mice were infected with Cpn ($2x10^6$ IFU). Days 5 after infection, 25 mg/kg Evans Blue was injected i.v. 2 hrs before lung harvest. (B) Whole Lungs were homogenized with 1 mL PBS, then were centrifuged. The pellets were incubated with 500 mL formamide at 60 ° for 18 hrs. The supernatant was measured at absorbencies 620 nm – 740 nm. n=4~5. (C) Bronchoalveolar lavage was performed and Evan's blue content was measured as above. Shown is the pooled data from two individual experiments. *p<0.05, unpaired Student's t-test.