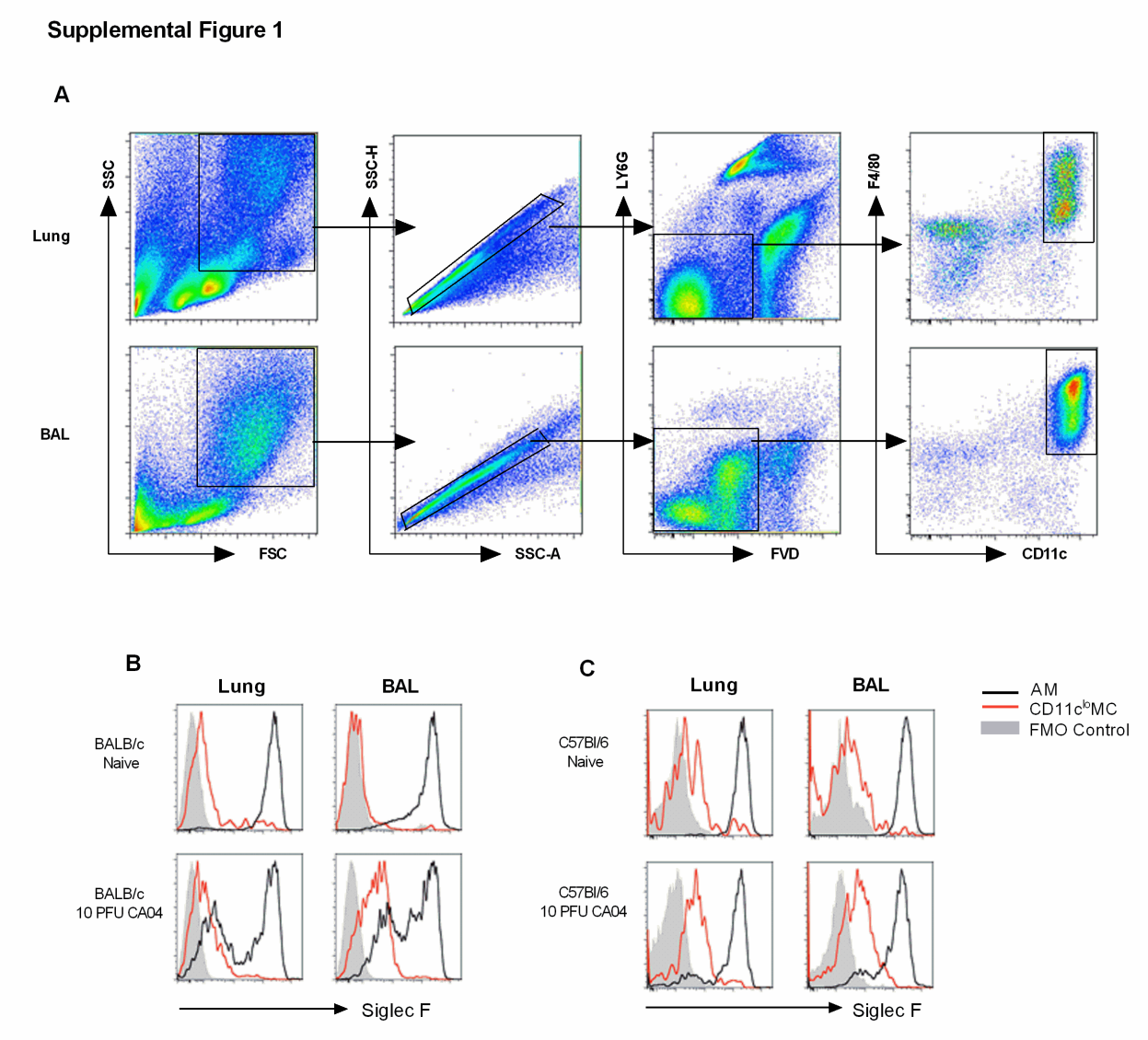
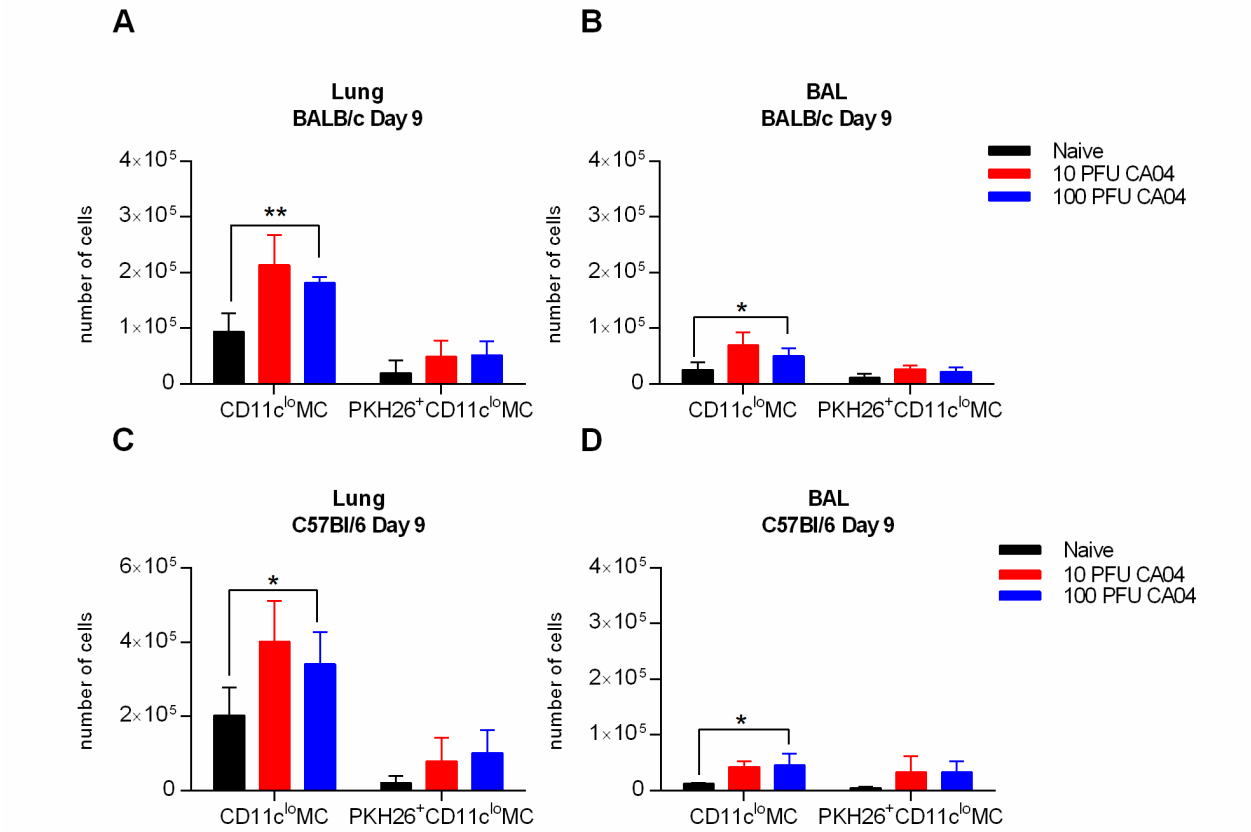
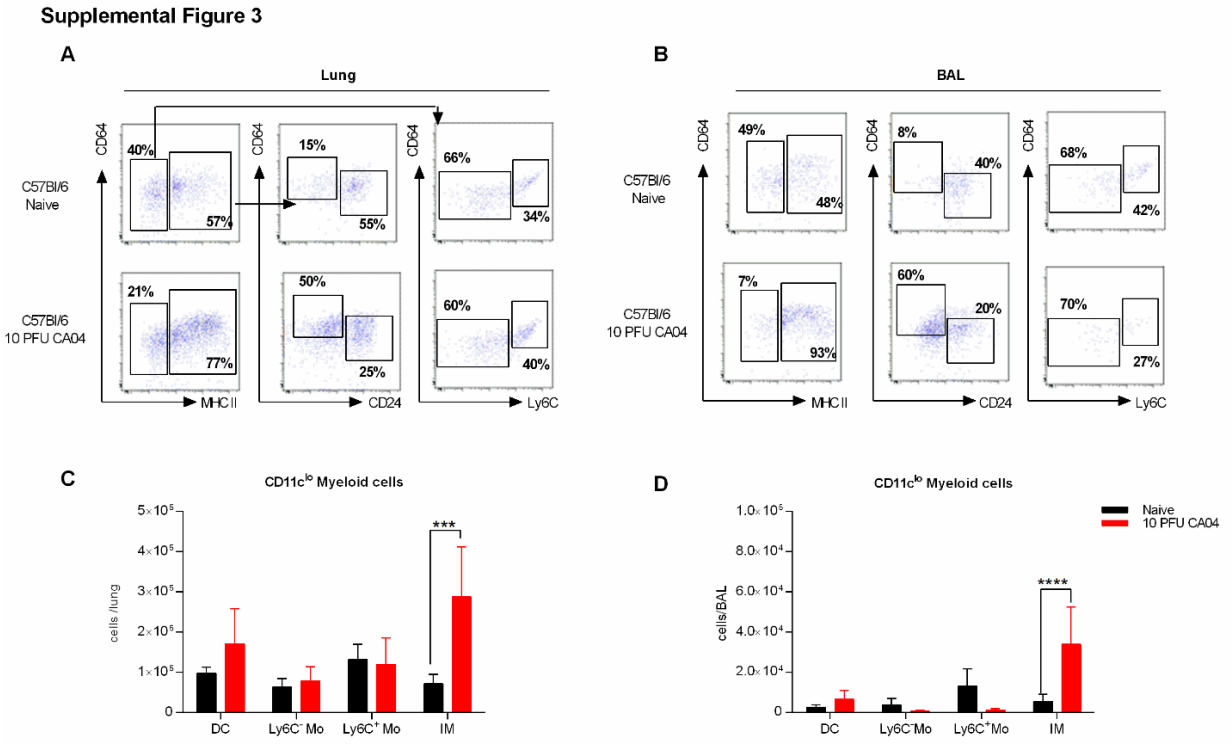


Supplemental Figure 1. Gating strategy for flow cytometry analysis of AMs. (**A**) Cells were selected based on size and granularity (FSC/SSC), followed by the exclusion of doublets (SSC-A vs. SSC-H), dead cells and neutrophils (Ly6G vs. FVD) from the analysis. AMs were identified as cells with high expression of CD11c and F4/80. (**B**) Representative plots show the expression of Siglec F on AMs ($CD11c^{hi}F4/80^{+}$) and $CD11c^{lo}$MCs ($CD11c^{lo}F4/80^{+}$) in the lung and BAL of naïve and influenza-infected BALB/c mice. (**C**) Representative plots show the expression of Siglec F on AMs ($CD11c^{hi}F4/80^{+}$) and $CD11c^{lo}$MCs ($CD11c^{lo}F4/80^{+}$) in the lung and BAL of naïve and influenza infected C57Bl/6 mice.

Supplemental Figure 2



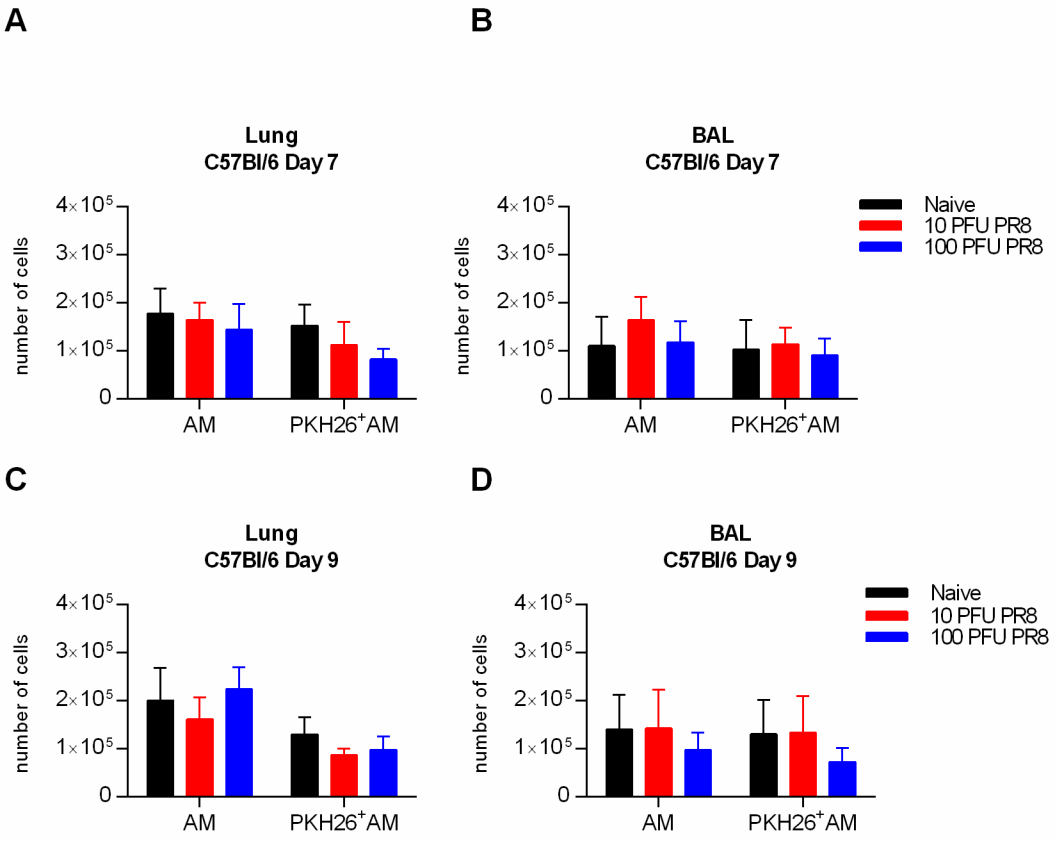
Supplemental Figure 2. Expansion of CD11c^{lo}MCs following influenza infection. (**A**-**B**) Total number of CD11c^{lo}MCs and PKH26^{+} CD11c^{lo}MCs the lung (**A**) and BAL (**B**) of BALB/c mice infected with 10 or 100 PFU CA04 on Day 9 post-infection. (**C**-**D**) Total number of CD11c^{lo}MCs and PKH26^{+}CD11c^{lo}MCs the lung (**C**) and BAL (**D**) of C57Bl/6 mice infected with 10 or 100 PFU CA04 on Day 9 post-infection. Data shown are representative of 2 independent experiments with 5 mice per group. Statistical analyses were performed by two-way ANOVA; * $p<0.05$; ** $p<0.01$.



Supplemental Figure 3. Gating strategy for flow cytometry analysis of CD11c^{lo}MCs. (**A** and **B**) Representative plots show gating strategy to differentiate CD11c^{lo}F4/80^{+}CD11b^{+} cells from the lung (**A**) and BAL (**B**) of naïve and influenza infected C57Bl/6 mice using methods described in Misharin *et al* (1). Cells were characterized as interstitial macrophages (IM) (CD64^{+} MHC Class II^{+} CD24^{-}), dendritic cells (DC) (CD64^{-}MHC Class II^{+}CD24^{+}), Ly6C^{-} monocytes (Ly6C^{-} Mo) (CD64$^{+/-}$ MHC Class II^{-} Ly6C^{-}) and Ly6C^{+} monocytes (Ly6C^{+}Mo) (CD64$^{+/-}$ MHC Class II^{-} Ly6C^{+}). (**C** and **D**) Absolute numbers of DC, Ly6C^{-} Mo, Ly6C^{+} Mo, IM from the lung (**C**) and BAL (**D**) of naïve and influenza-infected C57Bl/6 mice. Data shown are representative of 2 independent experiments with 5 mice per group. Statistical analyses were performed by two-way ANOVA; *** p<0.001; **** p<0.0001.

1. Misharin AV, Morales-Nebreda L, Mutlu GM, Budinger GR, and Perlman H. 2013. Flow cytometric analysis of macrophages and dendritic cell subsets in the mouse lung. *Am J Respir Cell Mol Biol* 49:503-510

Supplemental Figure 4



Supplemental Figure 4. AMs are resistant to depletion following PR8 virus infection of C57Bl/6 mice. (**A-B**) Total number of AMs and PKH26$^+$AMs the lung (**A**) and BAL (**B**) of C57Bl/6 mice infected with 10 or 100 PFU PR8 on day 7 post-infection. (**C-D**) Total number of AMs and PKH26$^+$AMs the lung (**C**) and BAL (**D**) of C57Bl/6 mice infected with 10 or 100 PFU PR8 on day 9 post-infection. Data shown are representative of 2 independent experiments with 5 mice per group. Statistical analyses were performed by two-way ANOVA.