

**Supplemental Figure 1. Staining controls for identification of cells in naïve and H5N1 infected BAL and lung.** (A) Gating strategy to identify interstitial (IM, CD163<sup>+</sup>CD206<sup>-</sup>) and alveolar macrophages (AM, CD163<sup>+</sup>CD206<sup>+</sup>) in BAL fluid through flow cytometry. The numbers on each plot represent percentages of the events. (B) Representative flow plots identifying alveolar epithelial cells in lung suspensions through cytokeratin staining. (C) Gating strategy to identify interstitial (IM, CD163<sup>+</sup>CD206<sup>-</sup>) and alveolar macrophages (AM, CD163<sup>+</sup>CD206<sup>+</sup>) in healthy and H5N1 infected lung suspension.