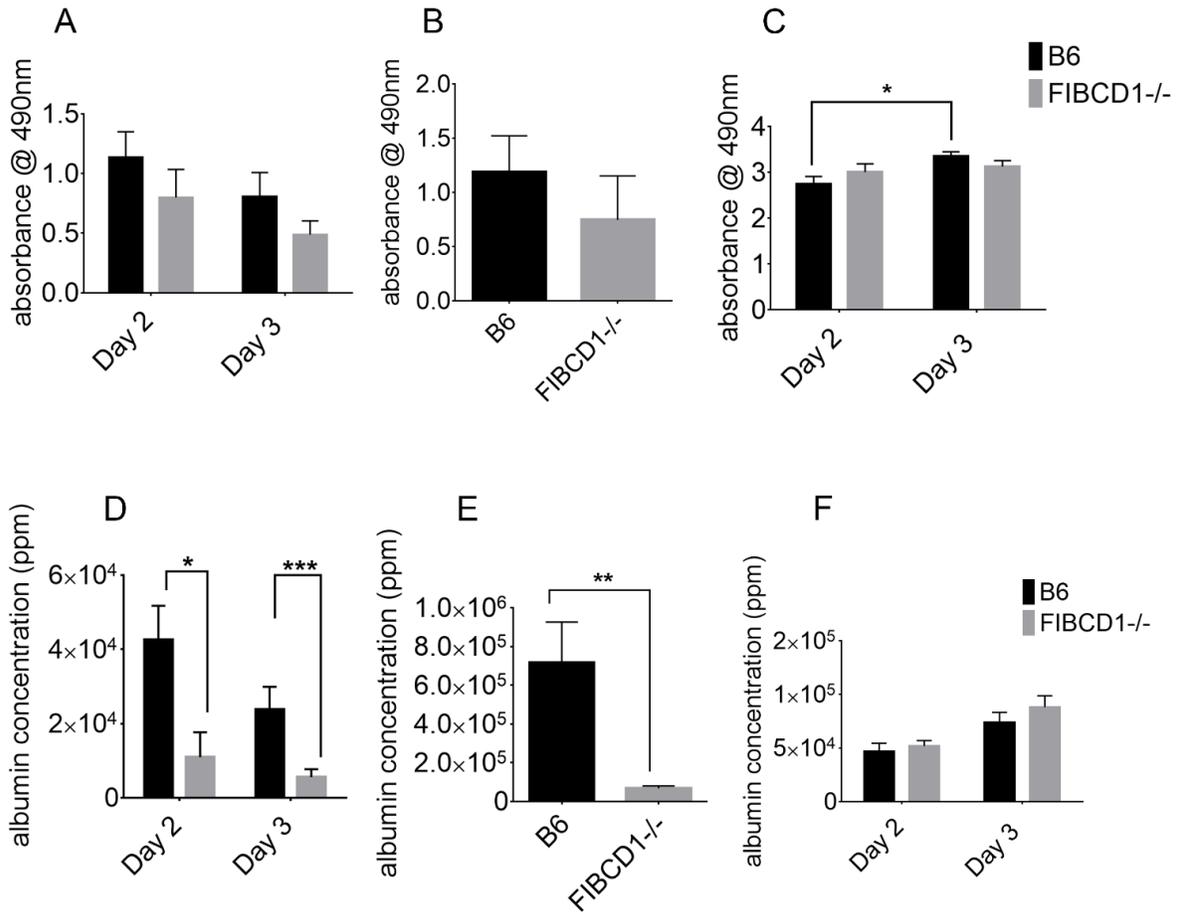
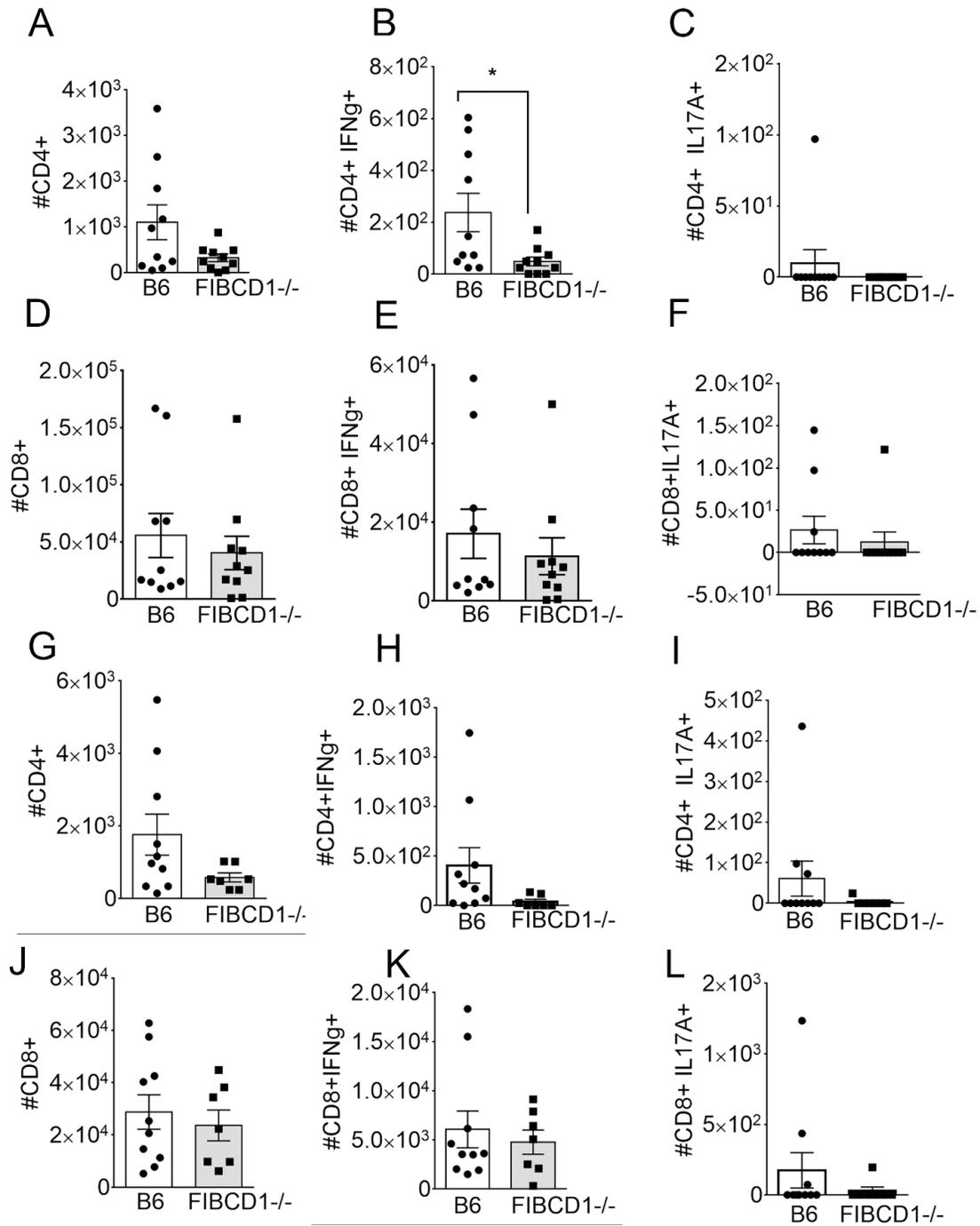


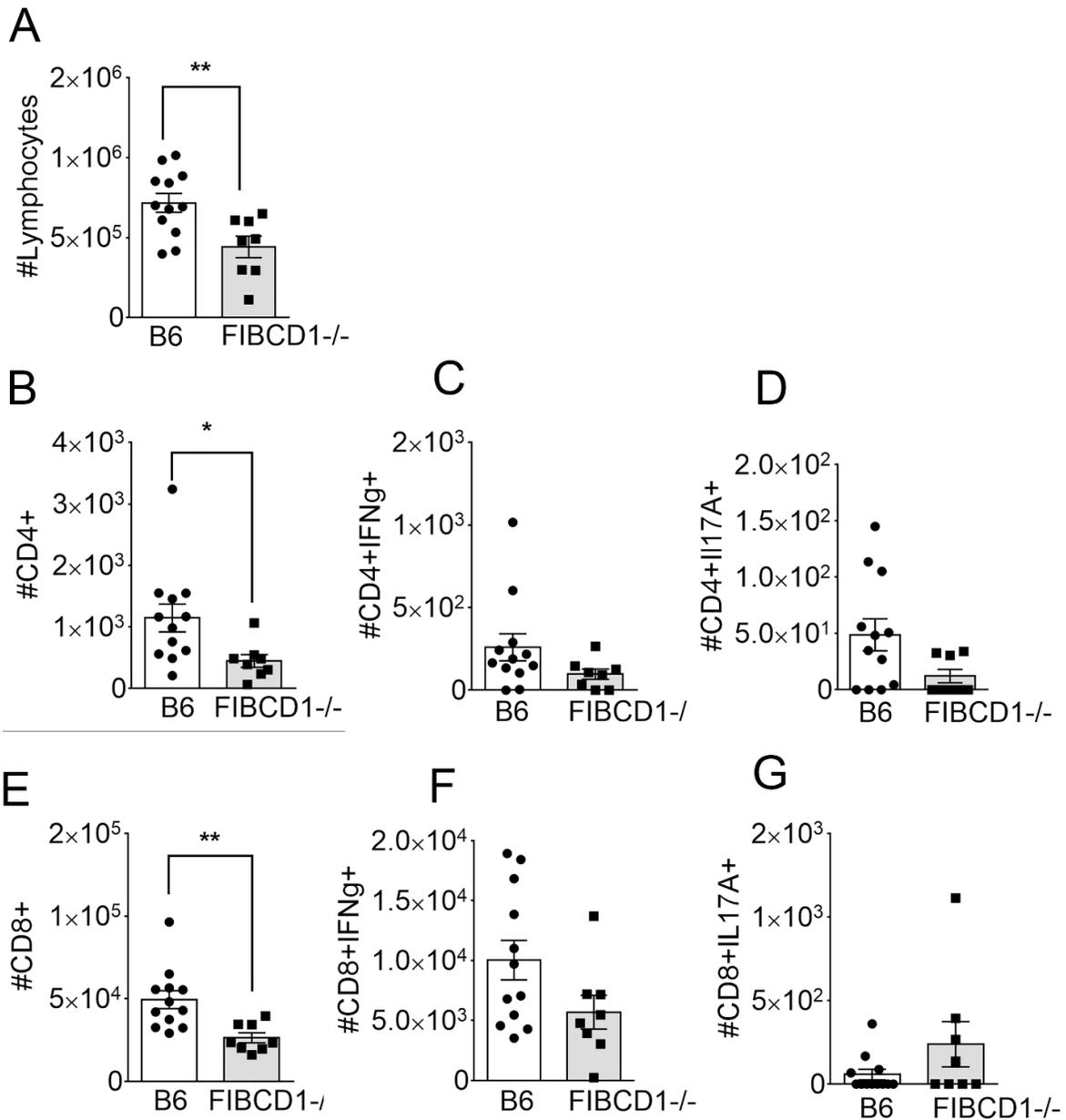
Supplemental Figure 1. Generation of *Fibcd1*^{-/-} mice and confirmation of *Fibcd1*-deficiency genotype. Knockout mice were generated through targeted deletion of Exon 2 (A-C) and further described in Materials and Methods. The knockout genotype was confirmed by Southern blot (D) and PCR (E) using Probes A and B depicted in Panel C.



Supplemental Figure 2. Quantification of lung damage and lung leakage in immunocompromised mice with IA. Mice of both groups were neutrophil-depleted (A,C,D,F) or treated with cyclophosphamide (B,E) and infected with 1×10^7 Af 293 conidia, as described in Materials and Methods. LDH level (A-C) was measured in BALF (A,B) and lung (C) supernatants of infected mice, to determine the damage level. To determine the degree of lung leakage, albumin level (D-F) was quantified from the supernatants of BALF (D,E) and lungs (F) supernatants of infected mice. Data shown are a summary of 3-4 experiments. n=15-20 mice per group *p<0.05, **p<0.01, ***p<0.001.



Supplemental Figure 3. Airway leukocyte recruitment in lungs of murine model of pulmonary fibrosis. Bleomycin (1.72 mg/ml) was administered to wild type and knockout mice, to induce acute injury. BALF were harvested at two different time points post injury- day 6 (A-F) and day 13 (G-L) to study airway leukocyte population by flow cytometric analysis. Total number of indicated BALF cell subsets-CD4⁺ and CD8⁺ are shown along with total number of IFN-g⁺ or IL17A⁺ -producing T cells within each subset. n=11-12 mice/ group. Data are a summary of 1-2 experiments. *p<0.05



Supplemental Figure 4. Lung tissue leukocyte recruitment in murine model of pulmonary fibrosis. Bleomycin (1.72 mg/ml) was administered to wild type and knockout mice, to induce fibrosis. Lungs were harvested at day 13 post injury, to analyze differences in recruitment of leukocyte populations in lung tissues in response to injury, due to FIBCD1, by flow cytometric analysis. Representative flow gating showing total number of lung tissue CD4⁺ and subpopulations (B-D) and CD8⁺ with subpopulations (E-G) are shown here, along with subsets-IFN γ ⁺ and IL17A⁺. Data shown are a summary of two experiments. N=11-12 mice per group *p<0.05, **p<0.01.