

Supplementary Information

Title: Interleukin 33 exacerbates antigen driven airway hyperresponsiveness, inflammation and remodeling in a mouse model of asthma

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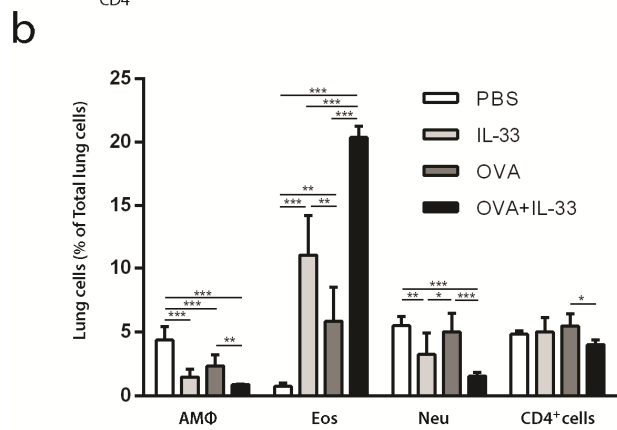
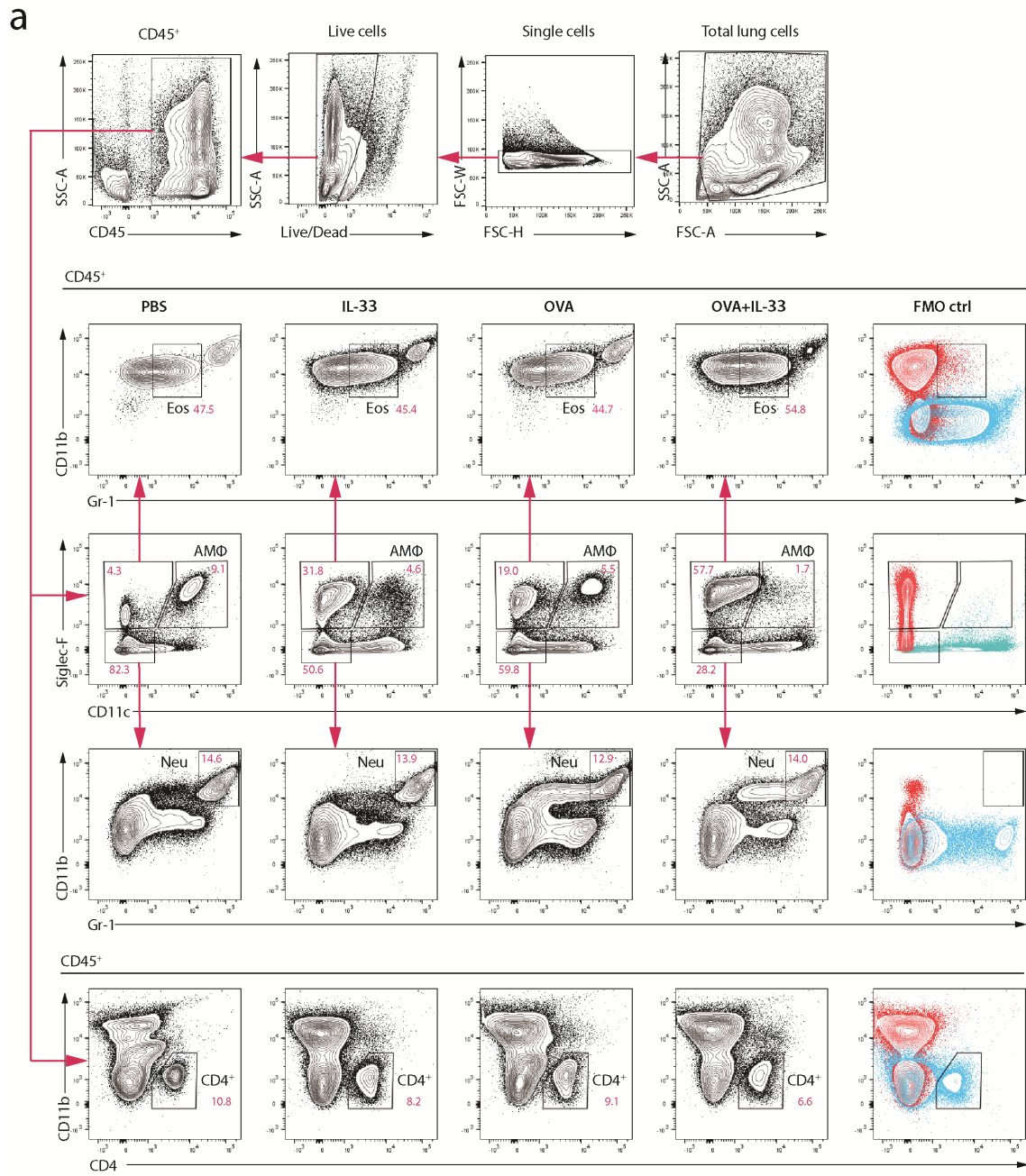
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Supplementary Figure S1. Flow cytometric analysis of inflammatory lung cells. (a)

Gating strategy and representative plots for each exposure group. Alveolar macrophages were identified as CD45⁺ SiglecF⁺ CD11c⁺, eosinophils as CD45⁺ SiglecF⁺ CD11c⁻ CD11b⁺ Gr-1^{lo}, neutrophils as CD45⁺ SiglecF⁻ CD11c⁻ Gr-1^{hi} CD11b^{hi} and CD4⁺ cells as CD45⁺ CD11b⁻ CD4⁺. Gates were set based on FMO controls, FMO ctrl= overlay of the two FMO controls for each respective plot. The representative FMO plots and plots showing the representative SSC^{low} FSC^{low} CD45⁺ gating belong to the OVA+IL-33 group. (b) Lung frequencies of alveolar macrophages, eosinophils, neutrophils and CD4⁺ cells. *p<0.05, **p<0.01, ***p<0.001 (ANOVA, Bonferroni). Results are pooled data of four independent experiments (mean ±SEM of n=8 mice in each group).