

## Supplemental Data

### Figure Legends

**Supplemental Figure 1. Ag-induced ROS generation and Th2 cytokine synthesis in BMMC occur through a DPI-sensitive NADPH oxidase-dependent cascade.** (A) BMMC were pretreated for 30 min with DPI (100 nM), NAC (1  $\mu$ M) or DMSO and then activated with DNP-BSA (100 ng/ml) for 1 h. DCFDA (10  $\mu$ M) was added for 20 min before measurement of ROS. Intracellular ROS were measured by FACS analysis of DCF fluorescence. Data are means  $\pm$  SD of three independent experiments. \*\*  $p < 0.01$  vs. no treatment. (B, C) BMMC were pretreated for 30 min with DPI (100 nM), NAC (1  $\mu$ M) or DMSO and then activated with DNP-BSA (100 ng/ml) for 1 h. Total cellular RNA was isolated and the transcript levels of IL-4 and IL-13 were assessed by semi-quantitative RT-PCR or real-time PCR. Data are means  $\pm$  SD of three independent experiments. \*\*  $p < 0.01$  vs. no treatment.

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