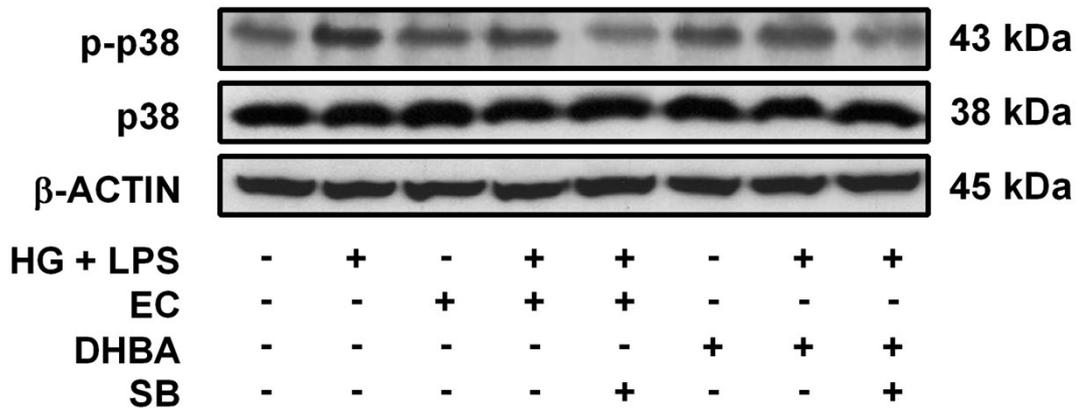
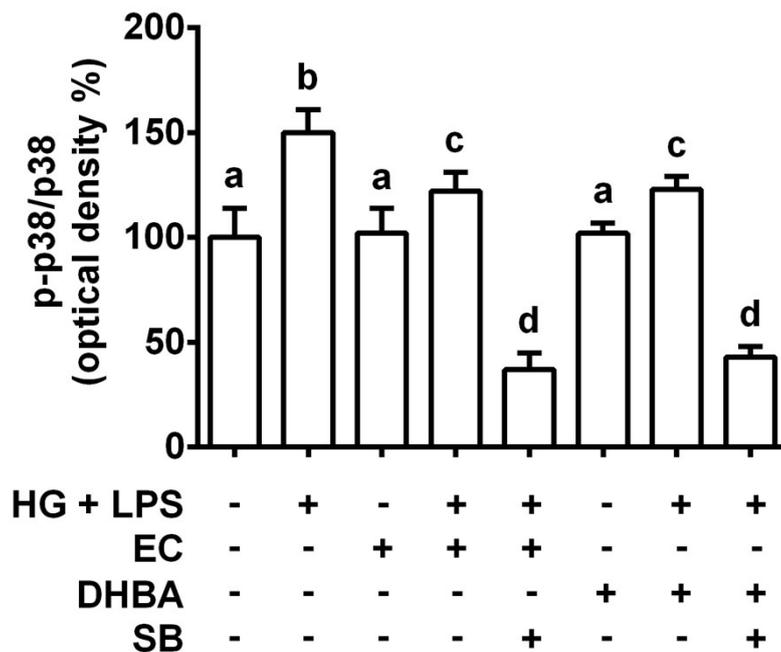


**Fig 1S.** Schematic representation of the experimental designs.

**A)**

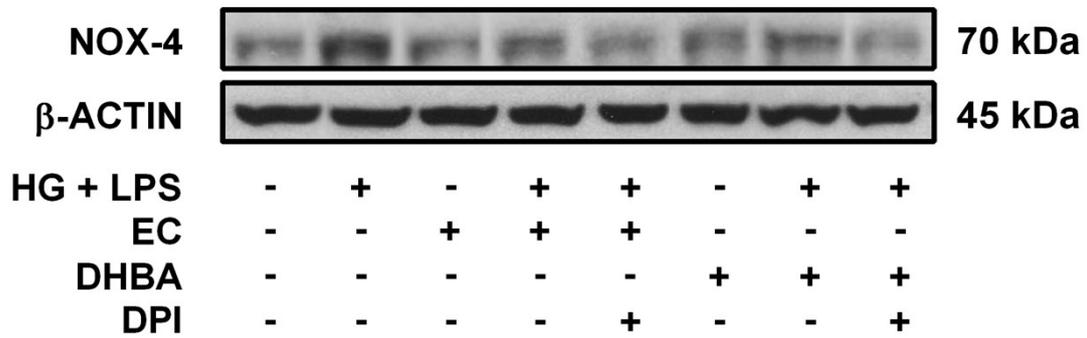


**B)**

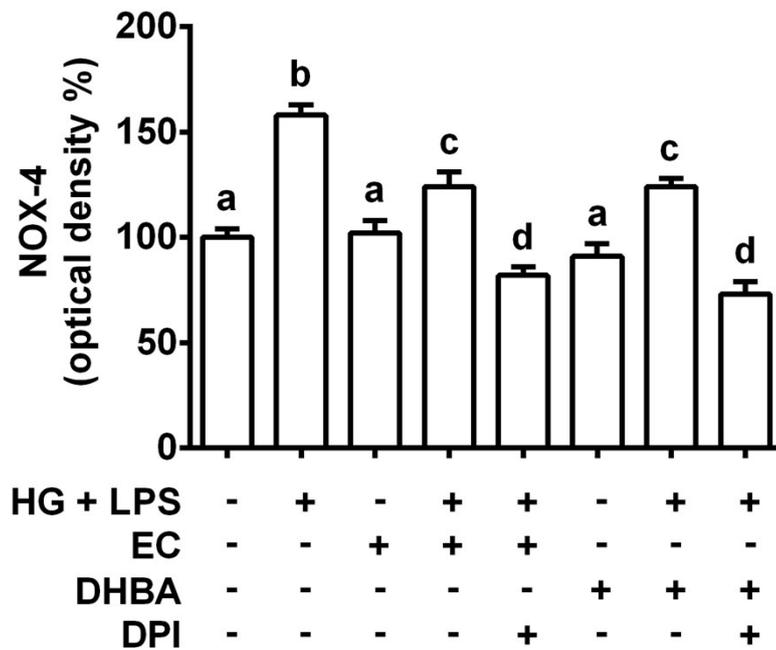


**Fig 2S.** Effect of EC and DHBA and the selective inhibitor SB (SB203580) on p38. NRK-52E cells were incubated in the presence or absence of 20  $\mu$ M SB for 1 h and later with 5  $\mu$ M EC or 5  $\mu$ M DHBA for 2 h followed by the HG+LPS challenge (22 h). (A) Bands of representative experiments. (B) Percentage data of p-p38/p38 ratio relative to controls (means  $\pm$  SD, n=6-8). Equal loading of Western blots was ensured by  $\beta$ -actin. Means without a common letter differ significantly ( $P < 0.05$ ).

**A)**



**B)**



**Fig 3S.** Effect of EC and DHBA and DPI on levels of NOX-4. NRK-52E cells were incubated in the presence or absence of 10  $\mu$ M DPI for 1 h and later with 5  $\mu$ M EC or 5  $\mu$ M DHBA for 2 h followed by the HG+LPS challenge (22 h). (A) Bands of representative experiments. (B) Percentage data of NOX-4 values relative to the control condition (means  $\pm$  SD, n=7-9). Equal loading of Western blots was ensured by  $\beta$ -actin. Means without a common letter differ significantly ( $P < 0.05$ ).