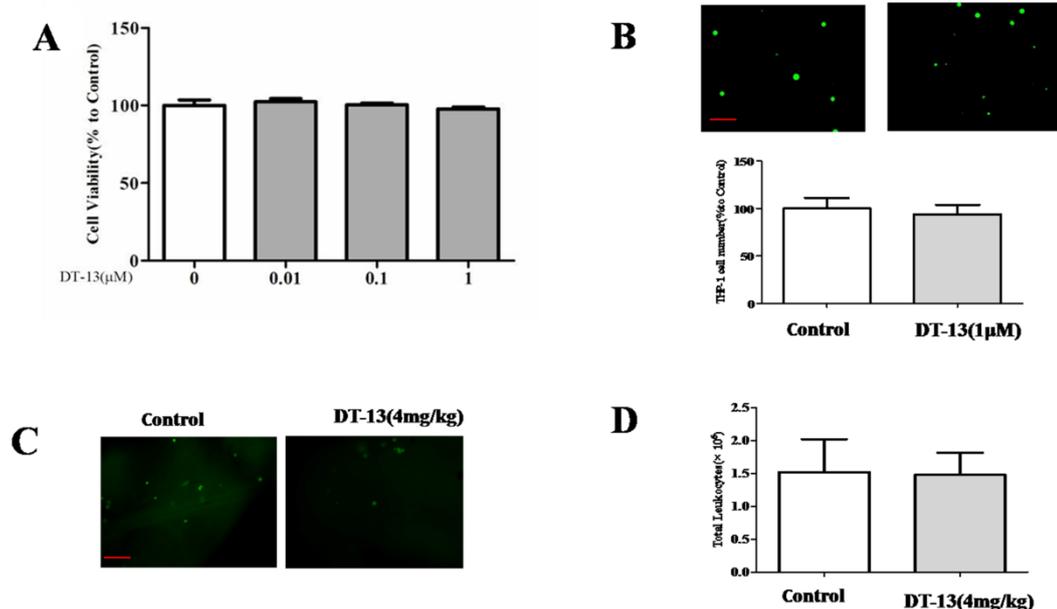


## Supplement Data.

Figure S1 DT-13 exhibited no obvious effect on unactivated ECs *in vitro* and *in vivo*



**Figure S1 DT-13 exhibited no obvious effect on unactivated ECs *in vitro* and *in vivo*.** (A) The cytotoxicity of DT-13 detected by MTT assay. After 48 h of incubation with various concentrations of DT-13, the viability of the treated cells was determined by MTT assays. No significant cytotoxic effects of DT-13 on HUVECs were observed with concentrations up to 1  $\mu\text{M}$ . (B) HUVECs were pretreated with 1  $\mu\text{M}$  DT-13 without TNF- $\alpha$  stimulation. No significant difference between the control and the DT-13-treated group on HUVECs adhesion was noted. Bar=20  $\mu\text{m}$ . (C) No differences were noted between the control group and DT-13-treated group regarding the number of mouse monocyte WEHI3 cells bound to the endothelium of mouse aortas. Bar=100  $\mu\text{m}$  (D) DT-13 exhibited no significant effect on the inhibition of leukocyte migration in normal mice. The data represent the mean  $\pm$  SD of three experiments.

Figure S2 DT-13 inhibited TNF- $\alpha$ -induced the activation and degradation of I $\kappa$ B- $\alpha$  in HUVECs.

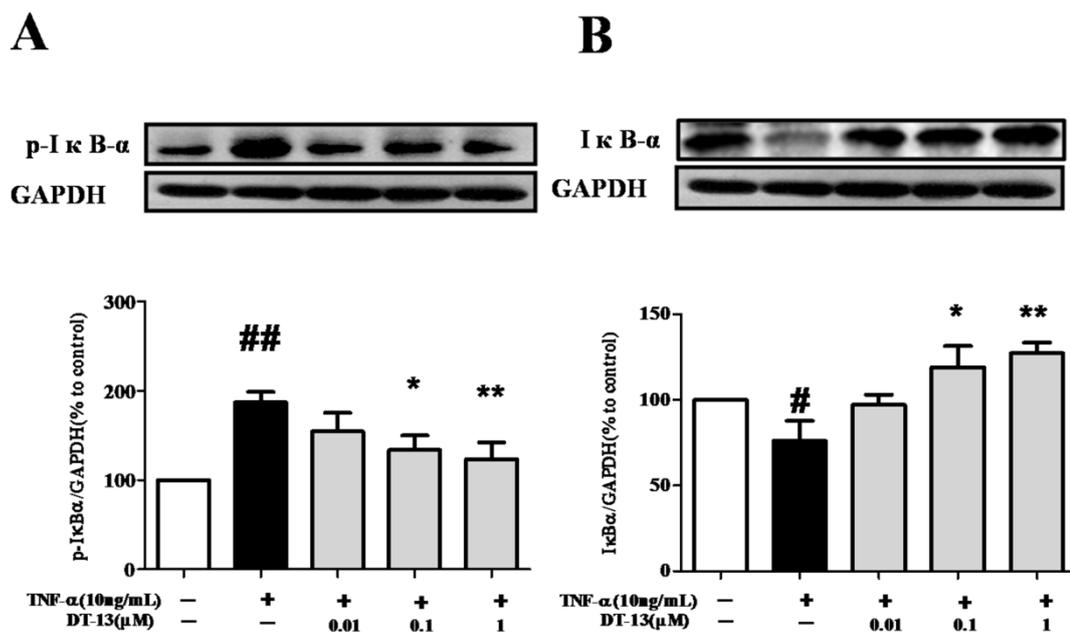


Figure S2 DT-13 inhibited TNF- $\alpha$ -induced the activation (A) and degradation (B) of I $\kappa$ B- $\alpha$  in HUVECs. HUVECs were pretreated with DT-13 (0.01, 0.1 or 1  $\mu$ M) for 1 h followed by TNF- $\alpha$  (10 ng/ml) exposure. The expression of phospho-I $\kappa$ B- $\alpha$  (B) and I $\kappa$ B- $\alpha$  (C) were detected by western blotting. The data represent the mean  $\pm$  SD of three experiments. <sup>#</sup>  $P < 0.05$ , <sup>##</sup>  $P < 0.01$  vs. the control group; <sup>\*</sup>  $P < 0.05$ , <sup>\*\*</sup>  $P < 0.01$  vs. the TNF- $\alpha$  group.

Figure S3 The over-expression of NF-κB-p65.

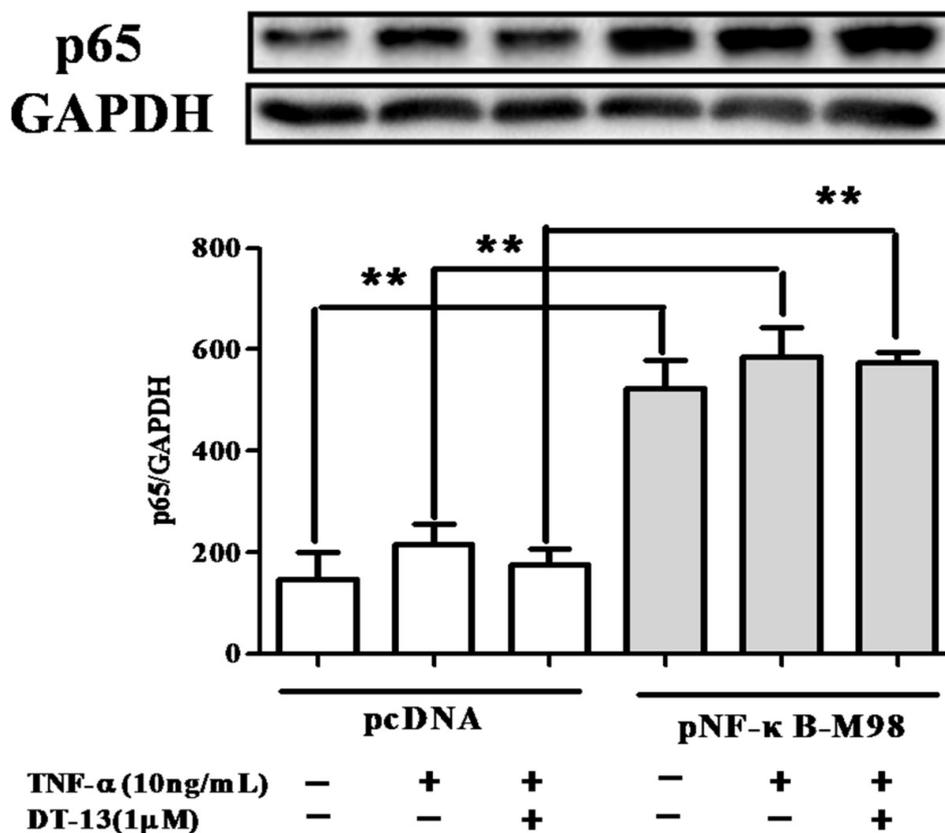


Figure S3 The over-expression of NF-κB-p65. HUVECs were transfected with 1 μg of pNF-κB-M98 or pcDNA for 43 h, cells were pretreated with or without DT-13 at 1 μM for 1 h before TNF-α (10 ng/ml) induction for 4 h. The expression of p65 was detected by western blotting. The data represent the mean ± SD of three experiments. <sup>##</sup>  $P < 0.01$  vs. corresponding groups.