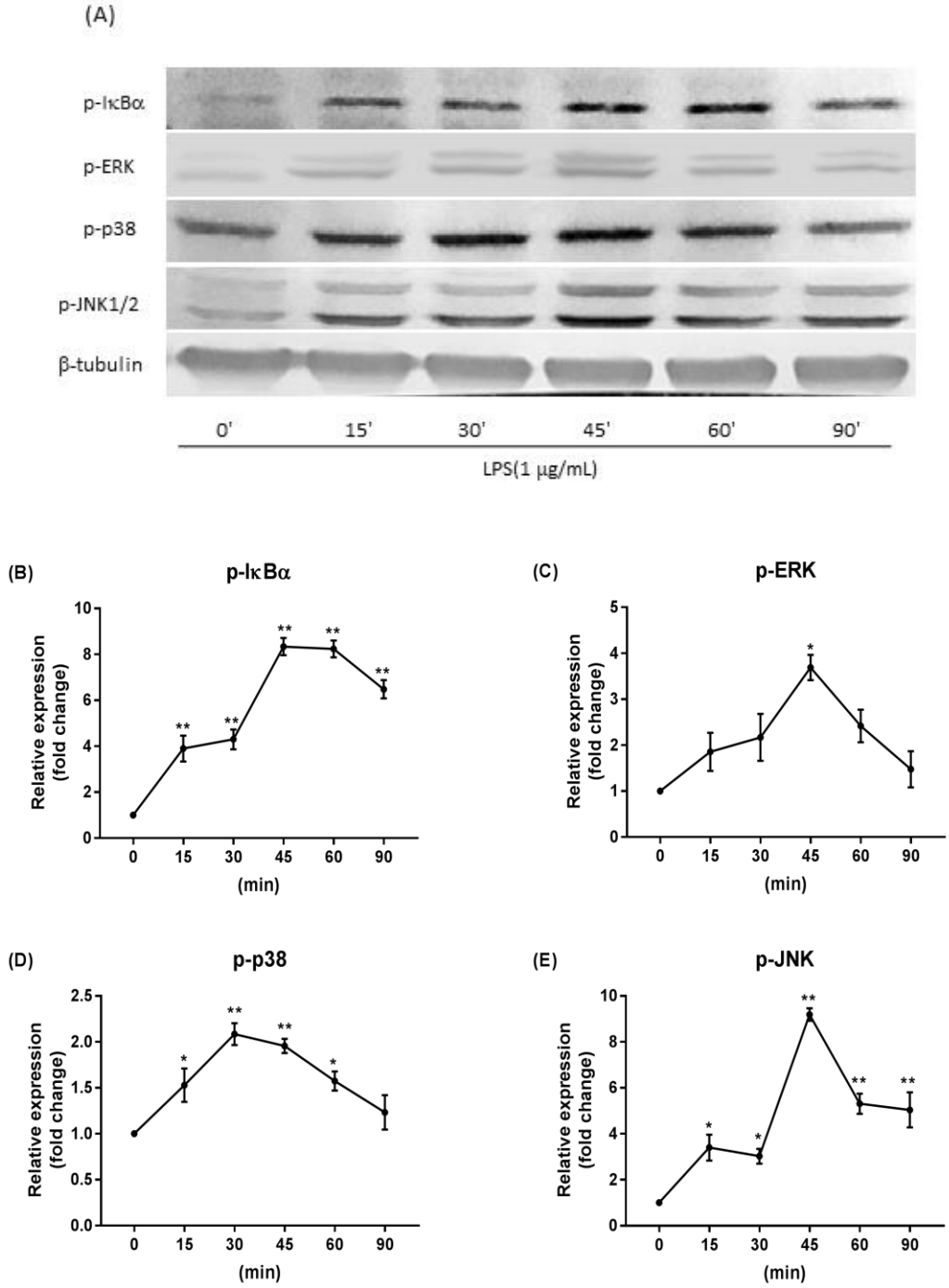

FIGURE 1: Effects of RJ on the phosphorylation levels of IκBα, ERK, p38 and JNK in LPS-stimulated BV-2 cells at different time points (A-E). Data are presented as means ± SEM, and group differences were analyzed by one-way ANOVA with *post hoc* Tukey's test. $^{\#}$P<0.05 compared with untreated control group; *P<0.05, **P<0.01 compared with the group treated with LPS alone.

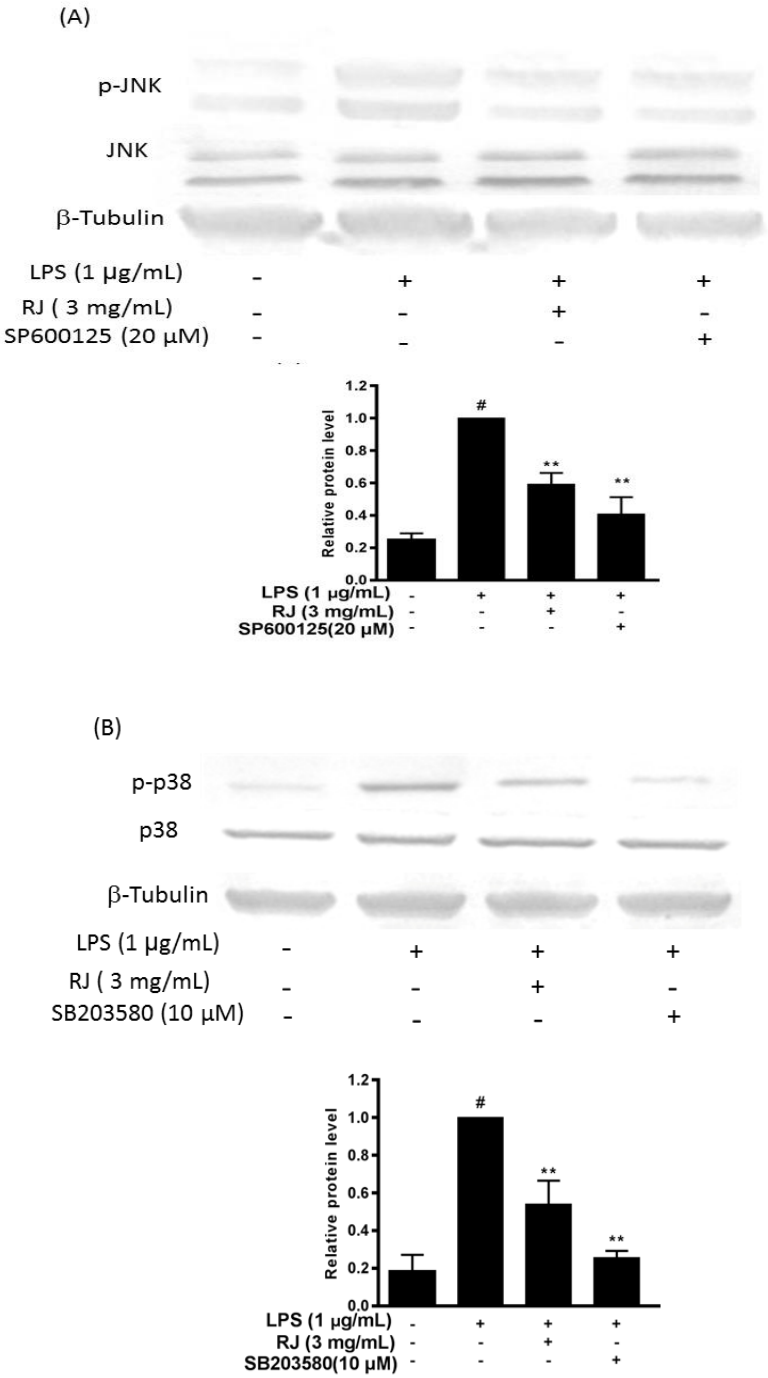

FIGURE 2: Effects of JNK inhibitor (SP600125) and p38 inhibitor (SB203580) on the phosphorylation of JNK and p38 in LPS-stimulated BV-2 cells. BV-2 cells were pretreated with or without RJ (3 mg/mL), SP600125 (20 μM) or SB203580 (10 μM) for 1 h, respectively, then treated with or without LPS for 45 min. The phosphorylated levels of JNK (A) and p38 (B) were detected by Western blot analysis. β-tubulin protein was used as an internal control. Data are presented as means ± SEM, and group differences were analyzed by one-way ANOVA with *post hoc* Tukey's test. $^{\#}P<0.05$ compared with untreated control group; *P<0.05, **P<0.01 compared with the group treated with LPS alone.