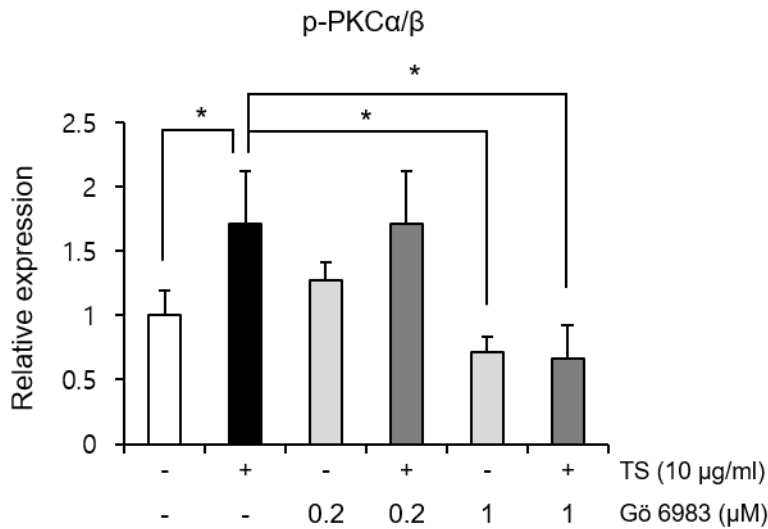
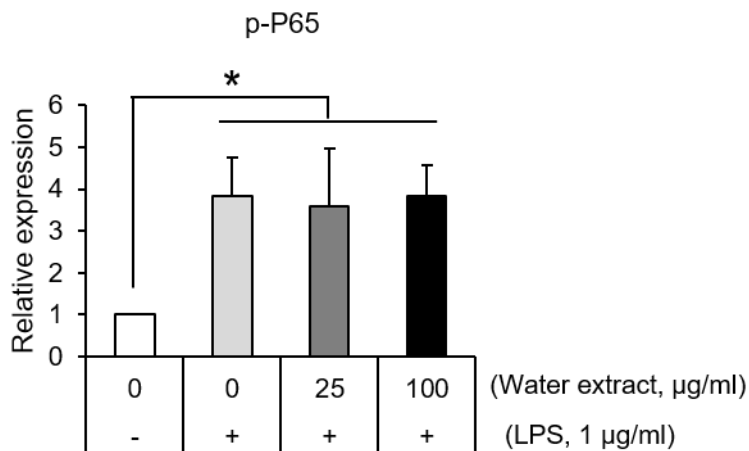


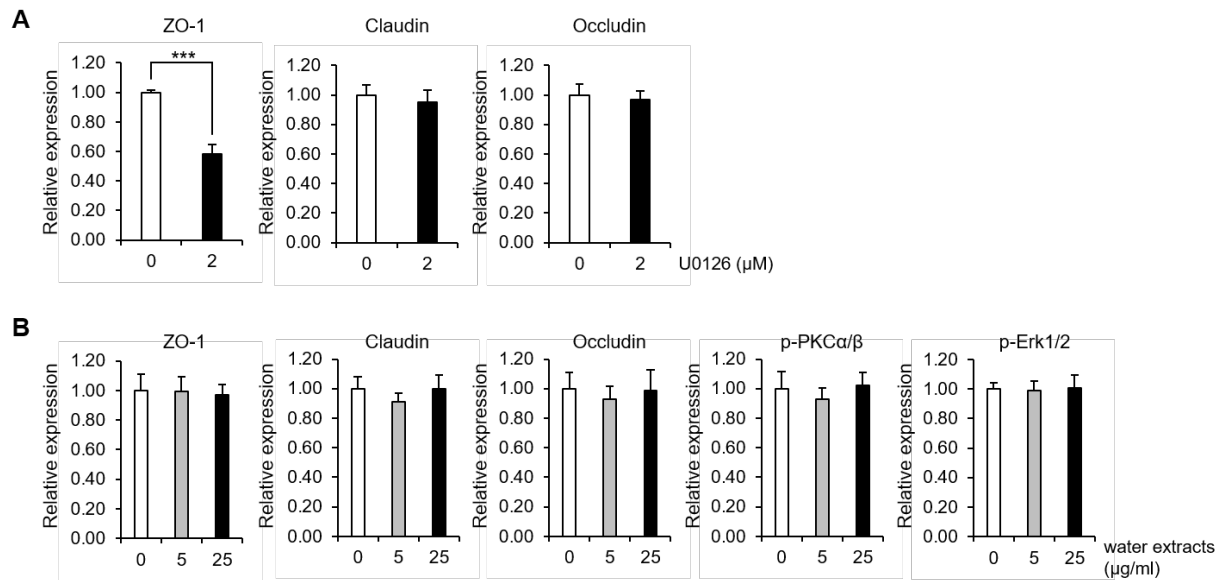
Supplementary Figure 1. Quantification of western blot results (Fig. 3A). Western blot results of MUC2, p-PKCα/β and p-Erk1/2 in TS-treated SL174T cells were quantified by using Image J program and statistical analysis was performed by using GraphPad Prism 7.04. *p<0.05.



Supplementary Figure 2. Quantification of western blot results (Fig. 4A). Western blot results of p-PKCα/β in TS±G6983-treated LS174T cells were quantified by using Image J program and statistical analysis was performed by using GraphPad Prism 7.04. *p<0.05



Supplementary Figure 3. Quantification of western blot results (Fig. 5). Western blot results of p-P65 in water extract-treated Raw264.7 cells were quantified by using Image J program and statistical analysis was performed by using GraphPad Prism 7.04. * $p < 0.05$



Supplementary Figure 4. Quantification of western blot results (Fig. 6A, B). Western blot results of tight junction proteins, p-PKC α/β and p-Erk1/2 in water extract-treated Raw264.7 cells were quantified by using Image J program and statistical analysis was performed by using GraphPad Prism 7.04.