



**Fig. S6. ACT repressed the nuclear translocation of IRF1.** (A) Immunofluorescence staining for TLR9 (647 nm) and TLR2 (594 nm) and DAPI (405 nm). Scale bar = 20  $\mu\text{m}$ . (B) Quantitative analysis of protein expressions. (C and D) Immunofluorescence staining for IRF1 (488 nm) and DAPI (405 nm). Scale bar = 20  $\mu\text{m}$ . Statistical significance:  $**p < 0.01$ ,  $***p < 0.001$ , compared with control group;  $\#p < 0.05$ ,  $\#\#p < 0.01$ ,  $\#\#\#p < 0.001$ , compared with the model group (n = 3 for cell experiments, n = 6 for mice experiments).