Figure S1. Effect of different concentrations of MI-2 on MALT1 expression in HG-treated HK-2 cells. Comparison of the protein expression levels of MALT1 among the HG, LC-MI-2, MC-MI-2 and HC-MI-2 groups, between the HG and LC-MI-2 groups, between the HG and MC-MI-2 groups, between the HG and HC-MI-2 groups, between the LC-MI-2 and MC-MI-2 groups, between the LC-MI-2 and HC-MI-2 groups, and between the MC-MI-2 and HC-MI-2 groups. HK-2 cells in LC-MI-2, MC-MI-2 and HC-MI-2 groups were treated with HG. ns, not significant; n=3/group. MALT1, mucosa-associated lymphoid tissue lymphoma translocation protein 1; HG, high-concentration glucose; LC-MI-2, low concentration MI-2; MC-MI-2, medium concentration MI-2; HC-MI-2, high concentration MI-2.

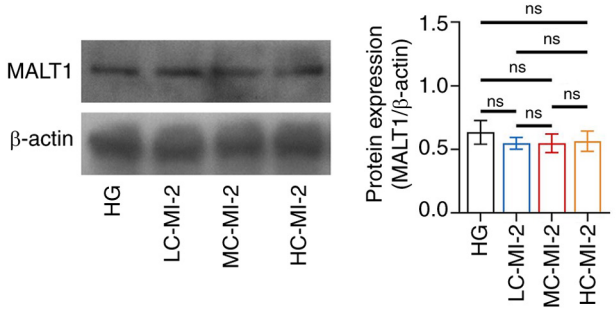
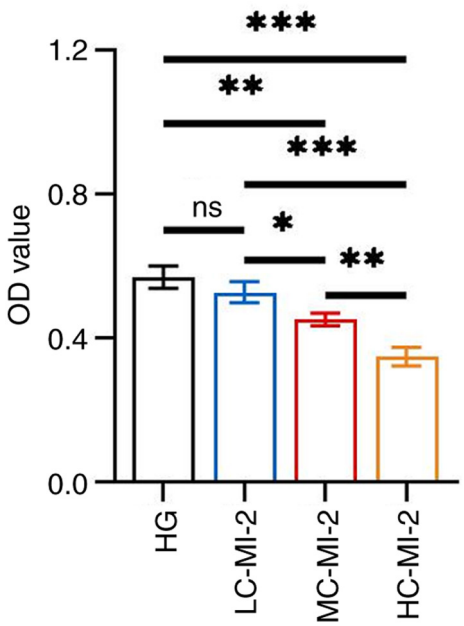
Figure S2. Effect of different concentrations of MI-2 on cell viability in HG-treated HK-2 cells. Comparison of OD values among the HG, LC-MI-2, MC-MI-2 and HC-MI-2 groups, between the HG and LC-MI-2 groups, between the HG and MC-MI-2 groups, between the HG and HC-MI-2 groups, between the LC-MI-2 and MC-MI-2 groups, between the LC-MI-2 and HC-MI-2 groups, and between the MC-MI-2 and HC-MI-2 groups. HK-2 cells in the LC-MI-2, MC-MI-2 and HC-MI-2 groups were treated with HG. *P<0.05, **P<0.01, ***P<0.001; ns, not significant; n=3/group. HG, high-concentration glucose; OD, optical density; LC-MI-2, low concentration MI-2; MC-MI-2, medium concentration MI-2; HC-MI-2, high concentration MI-2.