Figure S1. Effect of direct treatments of MI-2 and PMA on neuronal viability and oxidative stress. (A) OD values obtained from Cell Counting Kit-8 assay. Relative (B) ROS and (C) GSH levels in SH-SY5Y and HT-22 cells. *P<0.05, **P<0.01. OD, optical density; ROS, reactive oxygen species; GSH, glutathione; Aβ, amyloid-β; MI-2, MALT1 inhibitor-2; PMA, phorbol 12-myristate 13-acetate.

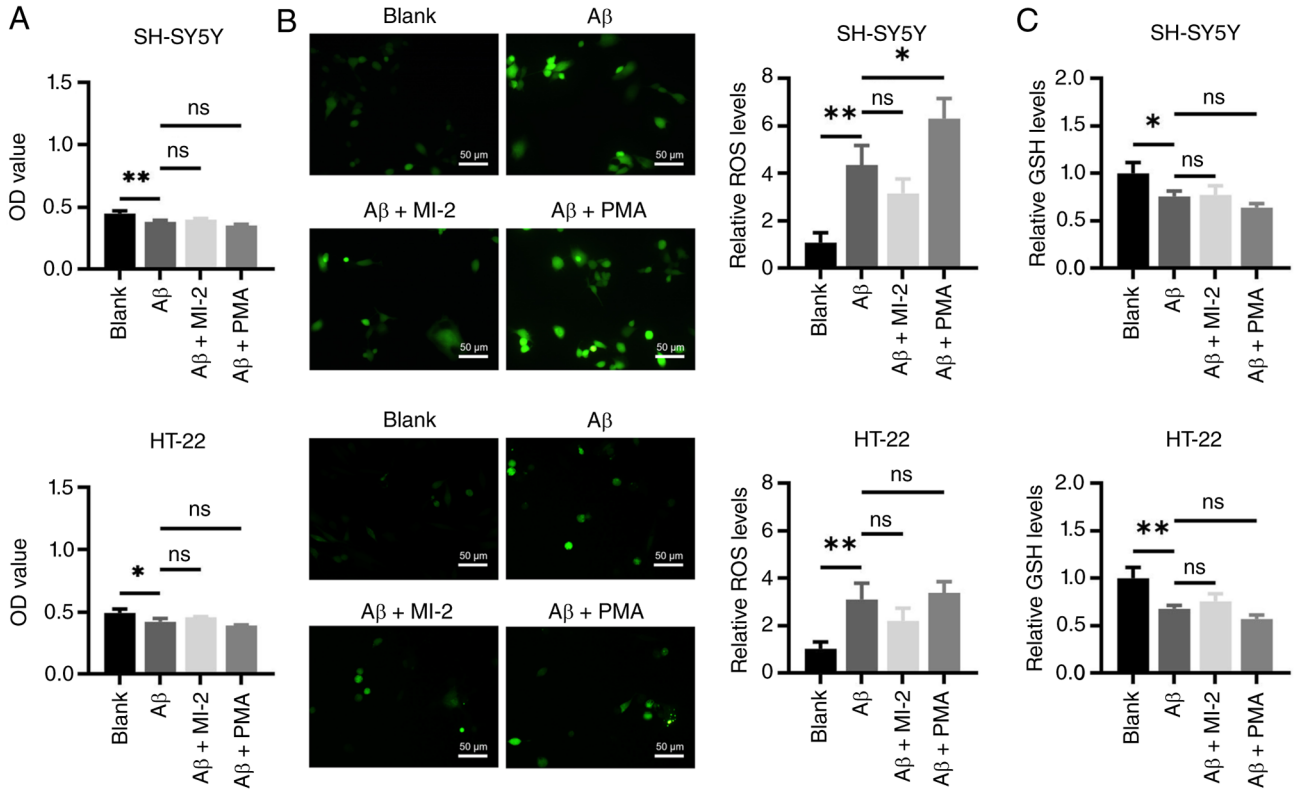

Figure S2. Expression levels of MALT1 in HMC3 and BV-2 cells following knockdown. ***P<0.001. ns, not significant; MALT, mucosa-associated lymphoid tissue lymphoma translocation protein; siNC, small interfering negative control.

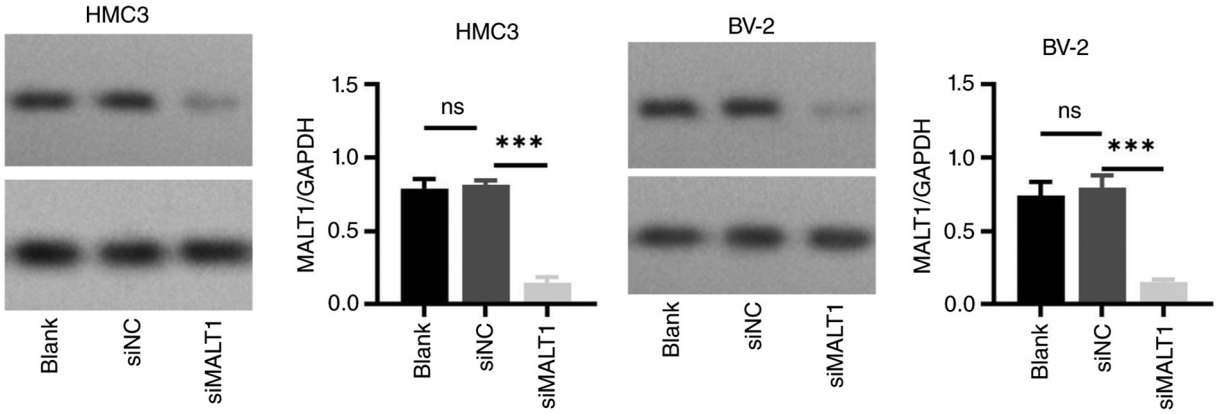

Figure S3. Effect of MALT1 knockdown on microglial phenotype, neuroinflammation and NF-κB pathway. Expression levels of (A) MALT1, microglial M1 phenotype marker iNOS and the M2 phenotype marker ARG1, (B) inflammatory cytokines, TNF-α and IL-1β and (C) p-p65/p65 expression in HMC3 and BV-2 cells. *P<0.05, **P<0.01, ***P<0.001. MALT; iNOS, inducible nitric oxide synthase; ARG, arginase; p-, phosphorylated; ns, not significant; siNC, small interfering negative control; Aβ, amyloid-β.