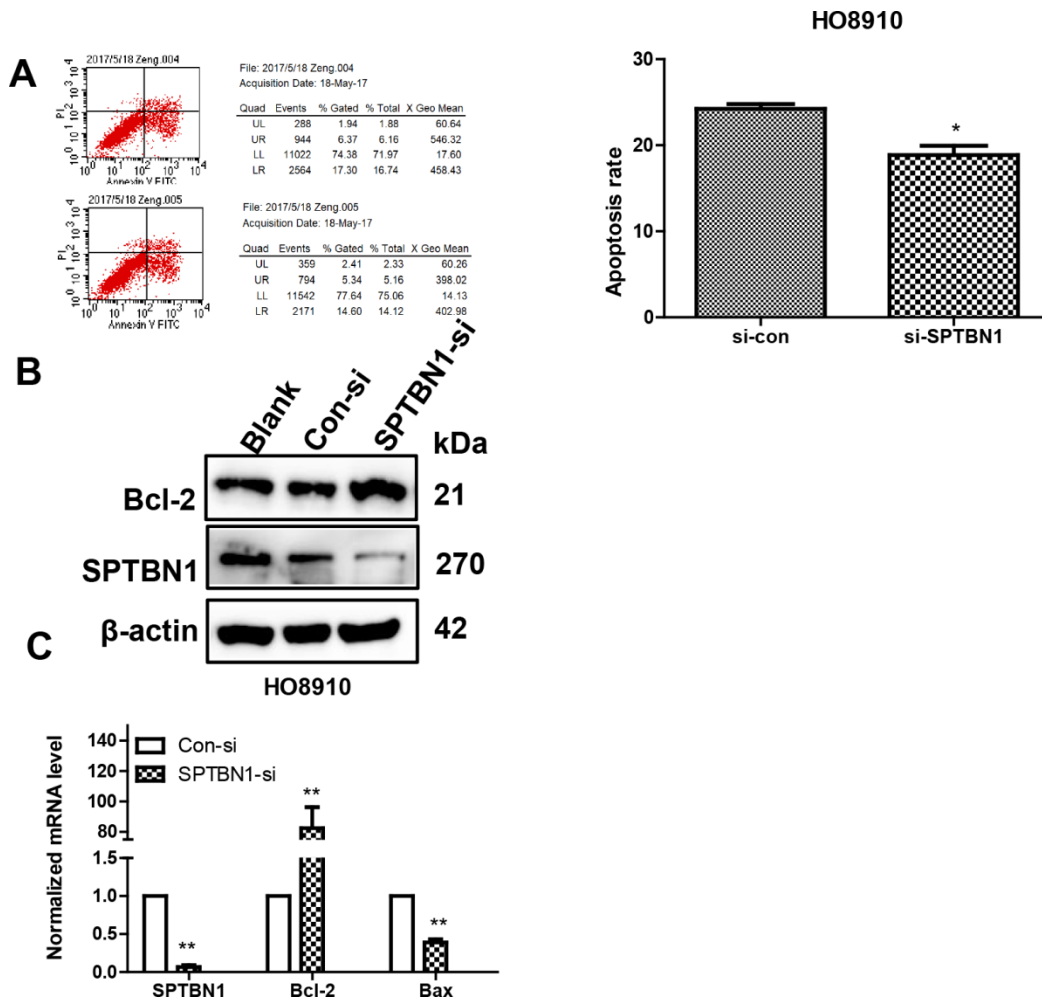
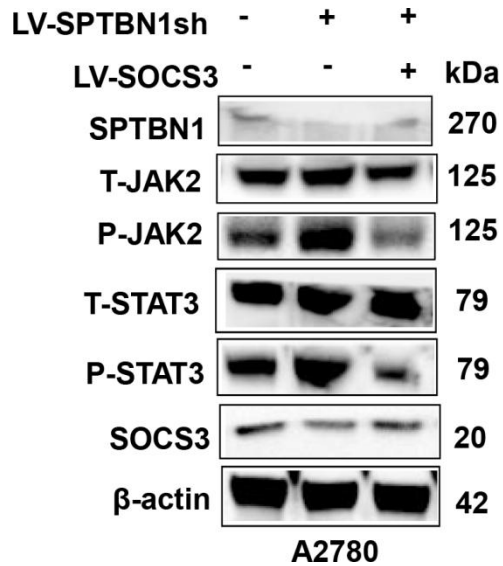


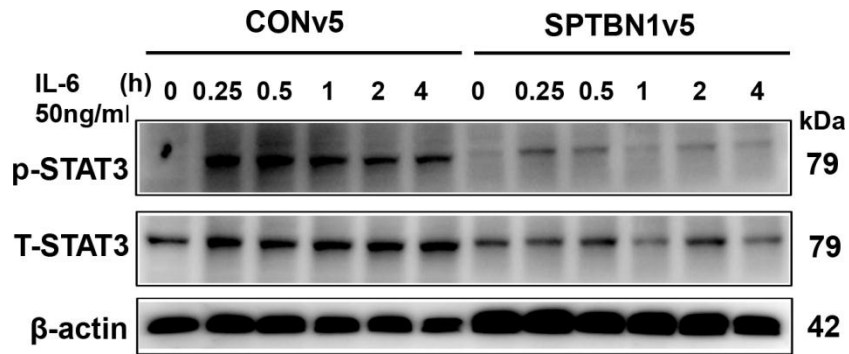
SUPPLEMENTARY FIGURES



Supplementary Figure 1. (A) Apoptosis assay by FCM. SPTBN1 siRNA inhibited the apoptosis of HO8910 cells. (B, C) Expression of apoptosis-related genes was assessed by western blot and qPCR. In HO8910 cells without SPTBN1 expression, the expression of the apoptosis-promoting gene Bax was decreased, while Bcl-2, which inhibits apoptosis, was increased at the protein (B) and mRNA (C) levels. ** $P < 0.01$ vs Con-si, $n = 3$.



Supplementary Figure 2. Assessments of proteins associated with the JAK/STAT signaling pathway by western blot after SPTBN1 knockdown cooperated with SOCS3 overexpression in A2780 cells.



Supplementary Figure 3. IL-6, an activating cytokine, was used to determine STAT3 activation at different time points in HO8910 cells after SPTBN1 overexpression.