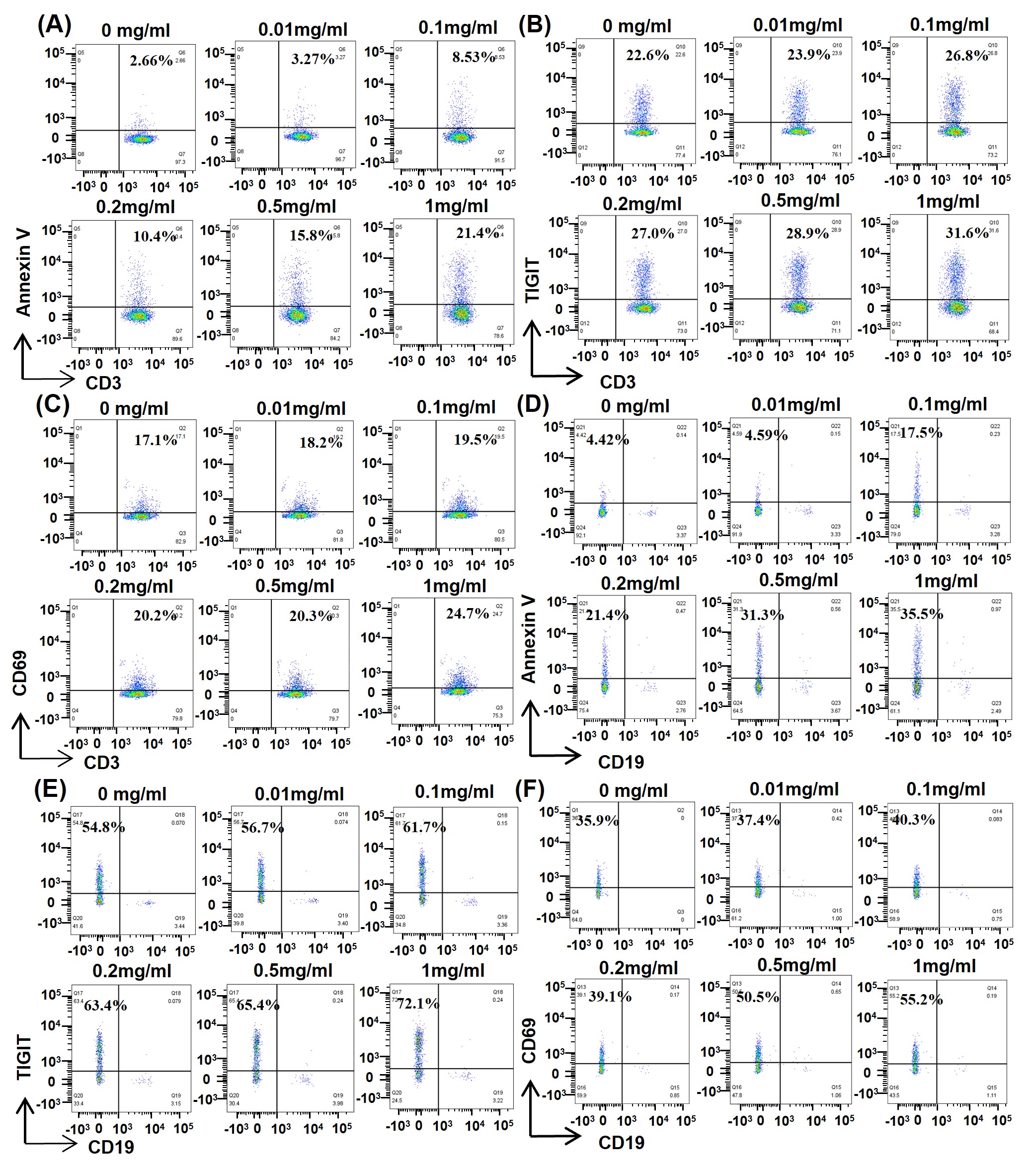
**Supplementary Figure 2**



**Supplementary Figure 2.** **For partial NSCLC patients, the death rate and exhaustion of lymphocyte in tumor microenvironment increased with increasing concentration of PD-1 mAb.** PBMCs were isolated from peripheral blood of patients with NSCLC and inoculated into HCC827 cell culture wells with gradually increasing concentration of PD-1 mAb for 24h. Flow-cytometry dot plots show the percentages of Annexin V+, TIGIT+ and CD69+ on T cells and NK cells. (A-C) The expression of (A) Annexin V, (B) TIGIT and (C) CD69 were analyzed on CD45+CD3+ T cells. (D-F) The expression of (D) Annexin V, (E) TIGIT and (F) CD69 were analyzed on CD45+CD3-CD19- NK cells.