 **Additional file 1: Figure S1.** Representative flow cytometry plots and gating.



**Additional file 1: Figure S2.** The distribution and median values of lymphocytes subsets in (A) 101 NSCLC patients, (B) 53 ADs, and (C) 48 SCCs.



**Additional file 1: Figure S3.** Comparing (A) OS and (B) PFS between high and low levels of B cells, NK, γδT, and NKT in 101 patients with advanced NSCLC.



**Additional file 1: Figure S4.** Comparing (A) OS and (B) PFS between high and low levels of B cells, NK, γδT, and NKT in 53 ADs.



**Additional file 1: Figure S5.** Comparing (A) OS and (B) PFS between high and low levels of B cells, NK, γδT, and NKT in 48 SCCs.