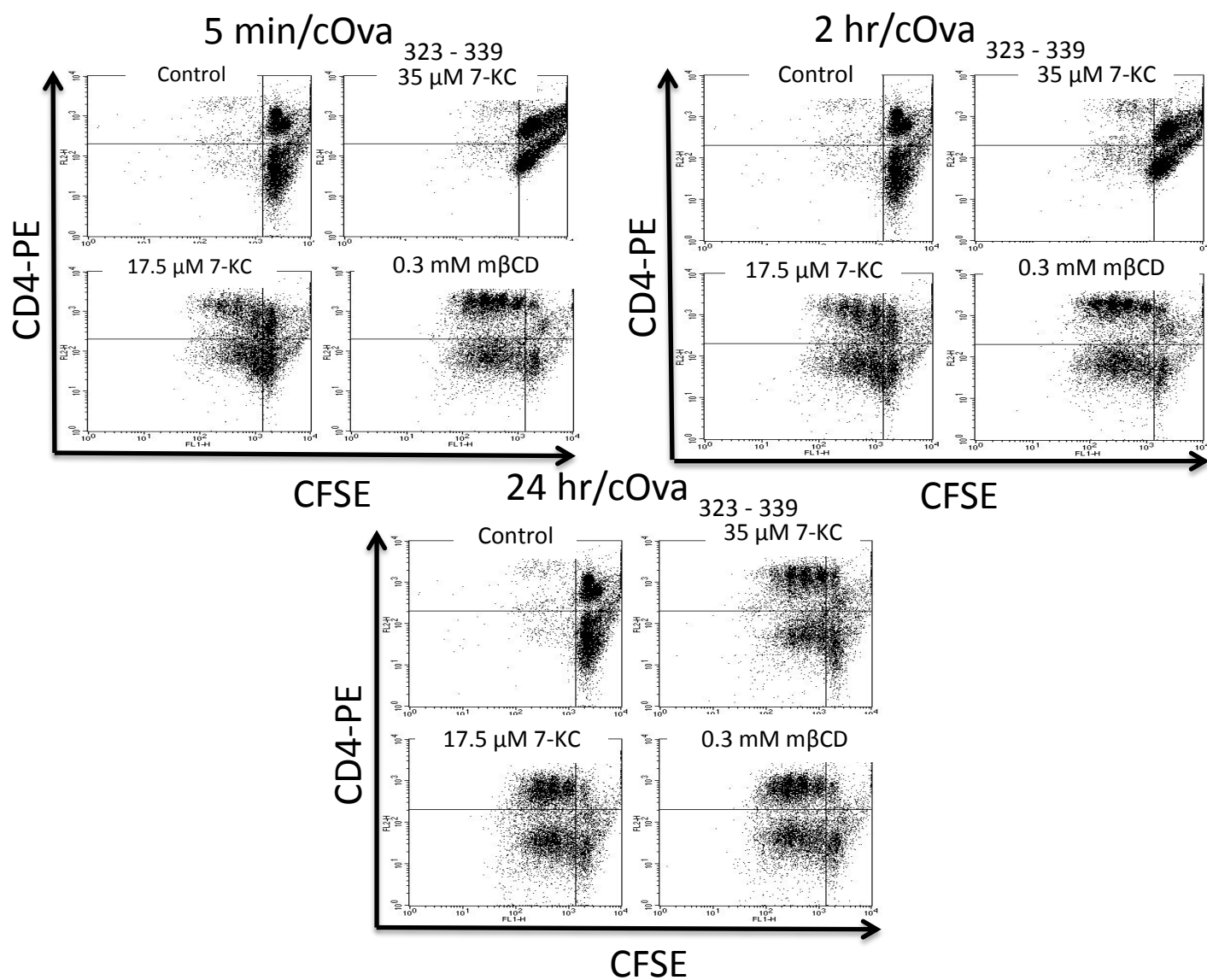
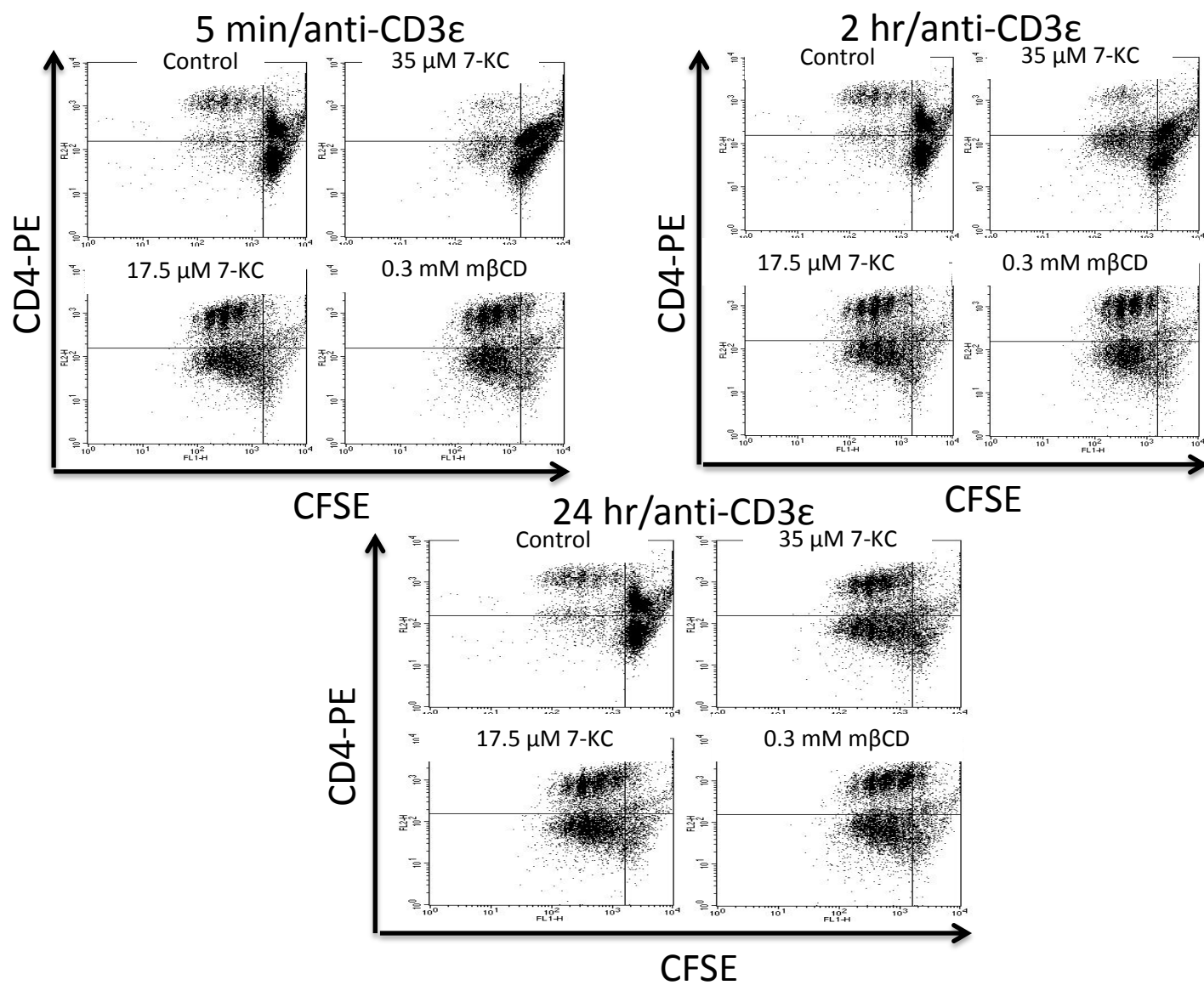


Supplemental Figure 2A



Supplemental Figure 2B



Supplementary Figure 2. Inhibitory effects of 7-Keto cholesterol on antigen-specific CD4⁺ T cell proliferation occur within first two hours of antigen receptor engagement. Lymph node cells were labeled with CFSE and cultured with c-Ova₃₂₃₋₃₃₉ peptide (A) or anti-CD3 ϵ monoclonal antibody (B). 7-KC was added to the cultures either at 5 min, 2 hrs or at 24 hrs after establishing cultures as indicated in each panel. Proliferating and non-proliferating cells were enumerated by two color analyses with CFSE (FL1) and anti-CD4-PE (FL2). A representative graphs from three independent experiments and for each time point collected in triplicate is shown and quantification of these data for 5 minute and 24 hr time points is shown in figure 6.