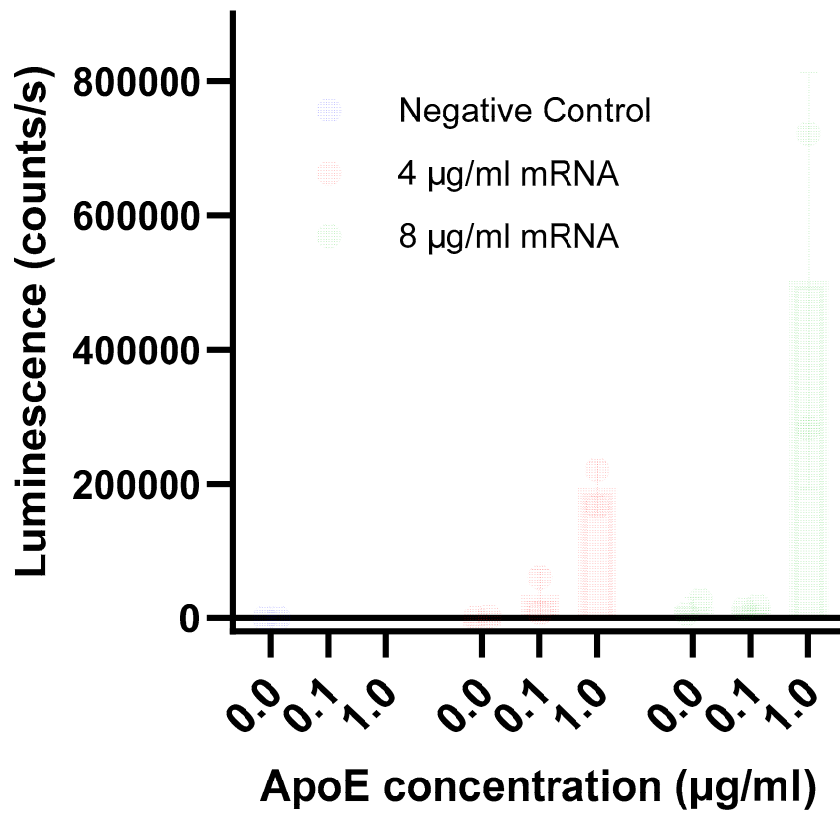
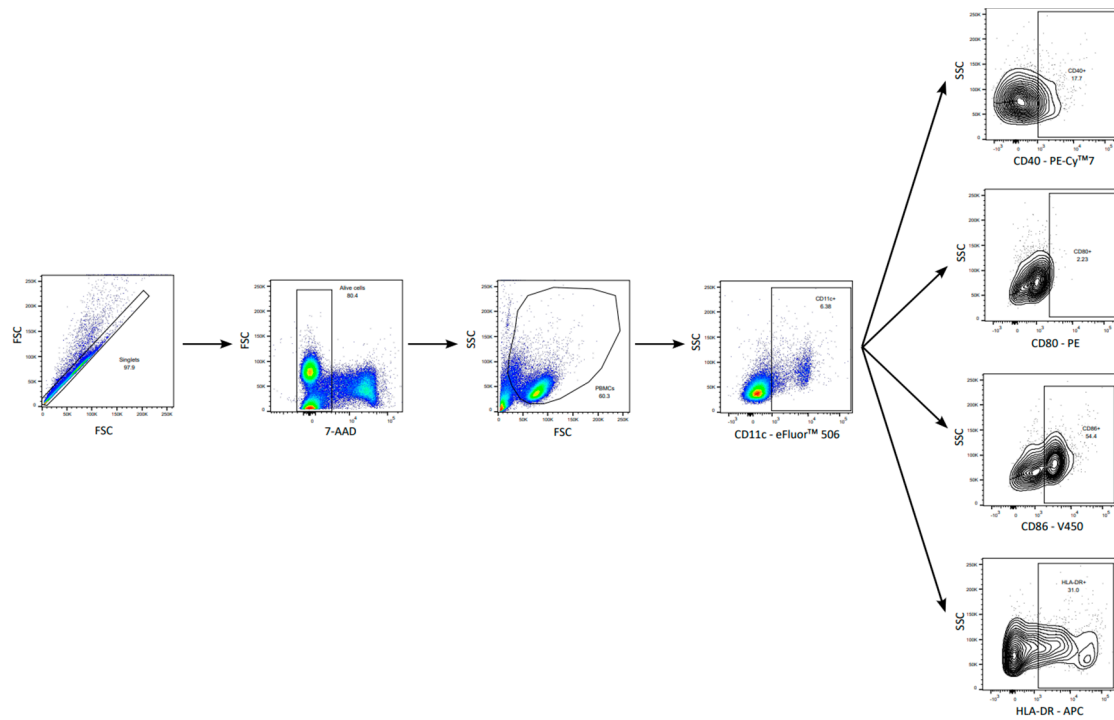


Supplementary material

PBMCs transfection



**Figure S1** *Luc* mRNA transfection of PBMCs with LNPs (GV formulation) in presence of different Apolipoprotein E3 (ApoE3) concentrations and at two mRNA concentrations (4 and 8 µg/ml) after 24 h incubation. Cell transfection was determined by Luciferase Assay.



**Figure S2** Gating strategy for determination of activation markers of CD11c<sup>+</sup> cells from PBMCs after LNPs stimulation.