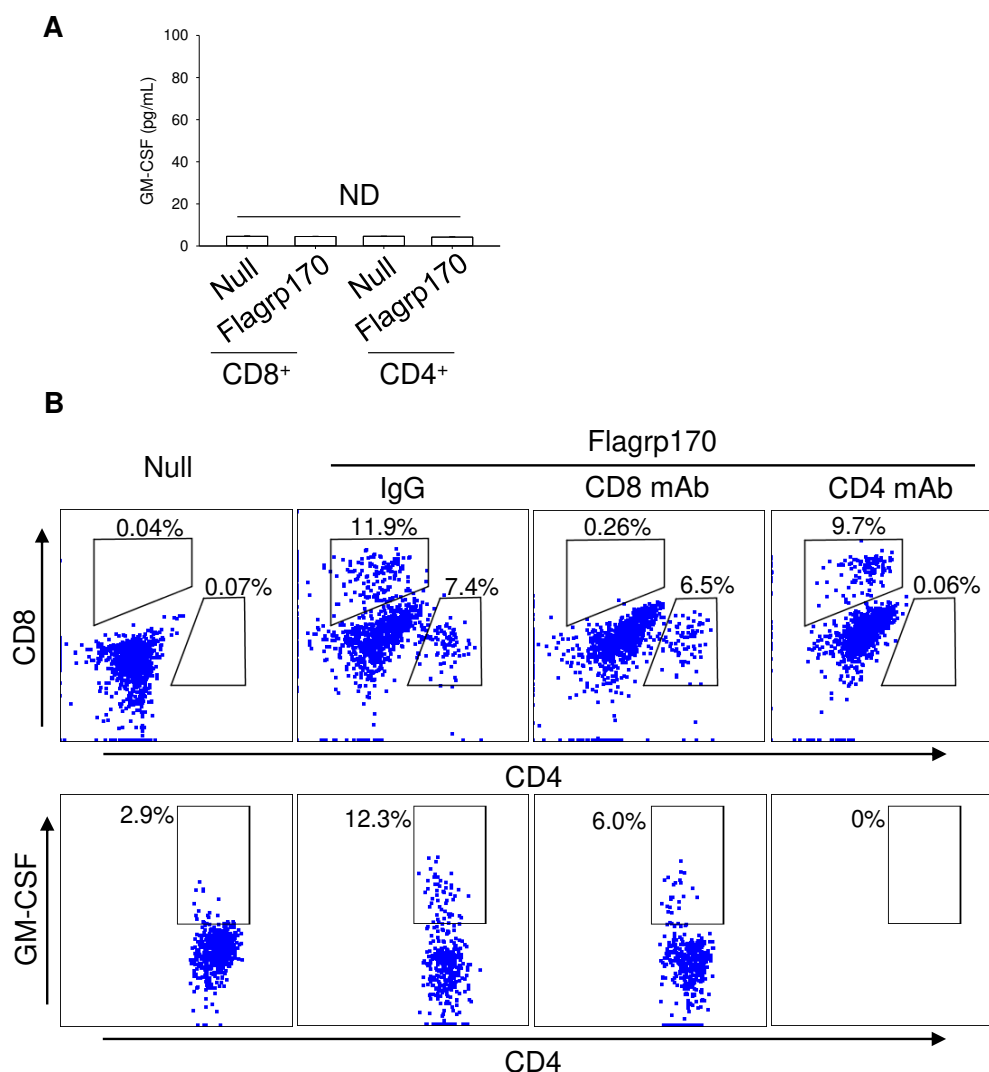


## Supplementary Figure S5



**Supplementary Figure S5. CD8<sup>+</sup> T cells are required for GM-CSF induction in CD4<sup>+</sup> T cells during Flagrp170 immunotherapy.** (A) Direct infection of T cells does not induce GM-CSF. CD8<sup>+</sup> or CD4<sup>+</sup> T cells were sorted from the spleens of C57BL/6 mice and infected with the Flagrp170-encoding adenovirus (MOI = 300). The level of GM-CSF in the culture media was determined by ELISA 48 h after infection. (B) B16 tumor-bearing C57BL/6 mice (n=3) received *in situ* Flagrp170 therapy for a total of five doses. CD8<sup>+</sup> or CD4<sup>+</sup> T cells were depleted by injection of anti-CD8 or anti-CD4 mAbs prior to the treatment. Tumor infiltration by CD8<sup>+</sup> or CD4<sup>+</sup> T cells and GM-CSF expression in CD4<sup>+</sup> T cells were analyzed by flow cytometry. ND, not detectable. Data shown are representative of three independent experiments.