

Figure S2. Kinetics and sandwiching data for anti-CD70 Fabs. **A,** Class 1 (red box) and class 2 (green box) anti-CD70 Fabs and/or scFv format(s) display binding affinity ranging from 0.15nM to 47nM. **B,** Double-referenced sensorgrams of anti-CD70 Fabs binding to hCD70. Triplicate measurements are consistent with one another; therefore, one replicate is shown **C,** Schematic view of premix binning assay formats with or without use of an anti-hFc secondary detection reagent (orange). **D,** Premix binning assay resulted in binding (sandwiching), no binding (no sandwiching) or "intermediate" binding which was then followed up with an anti-hFc secondary detection method. **E,** A representative plot is shown for CAR 23. **F,** Three sandwiching bins were identified.