Supplementary Information

Figure S1. Effect of BKM120 and BEZ235 on the percentage of central memory, effector memory and effector/TEMRA T cells. Percentage of central memory, effector memory and effector/TEMRA cells among CD4$^+$ and CD8$^+$ cells unstimulated or stimulated in the presence of different concentrations of BKM120 or BEZ235. Mean ± SEM of five different experiments. **#** p<0.05 with respect to stimulated untreated samples (0 μM).

Figure S2. Effect of BKM120 and BEZ235 on the phenotype of different CD4$^+$ T cell maturation subsets. Percentage of cells expressing CD25, IFN-γ and granzyme B among different CD4$^+$ T cell maturation subsets, in samples unstimulated or stimulated in the presence of different concentrations of BKM120 or BEZ235. Mean +SD of five different experiments. **#** p<0.05 with respect to stimulated untreated samples (0 μM).

Figure S3. Effect of BKM120 and BEZ235 on the phenotype of different CD8$^+$ T cell maturation subsets. Percentage of cells expressing CD25, IFN-γ and granzyme B among different CD8$^+$ T cell maturation subsets, in samples unstimulated or stimulated in the presence of different concentrations of BKM120 or BEZ235. Mean +SD of five different experiments. **#** p<0.05 with respect to stimulated untreated samples (0 μM).

Figure S4. Effect of BKM120 and BEZ235 on granzyme B expression by effector/TEMRA T cells. Median Fluorescence Intensity (MFI) of granzyme B among effector/TEMRA CD4$^+$ and CD8$^+$ T cells unstimulated or stimulated in the presence of different concentrations of BKM120 or BEZ235. Mean +SD of four different experiments. **#** p<0.05 with respect to stimulated untreated samples (0 μM).
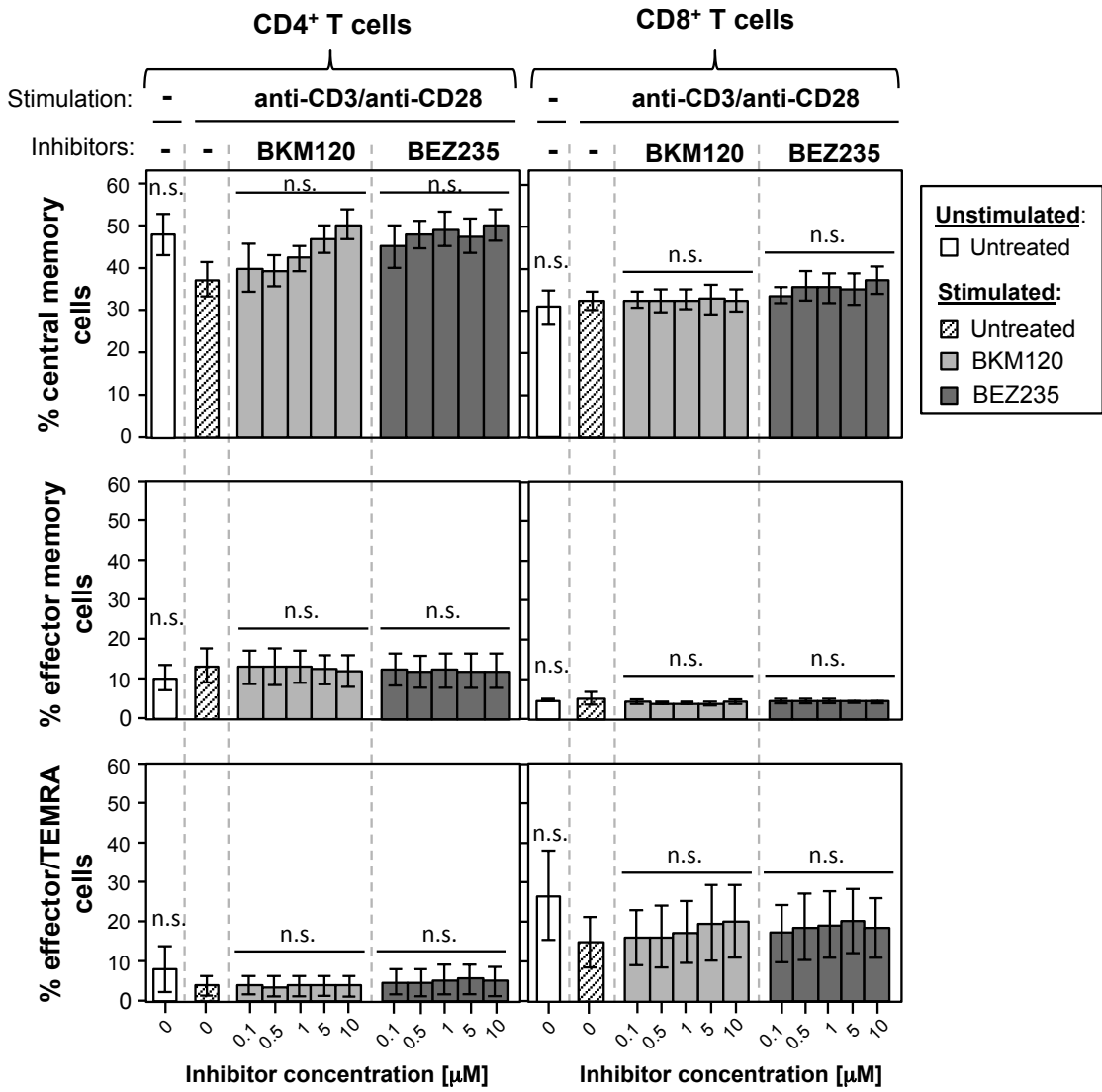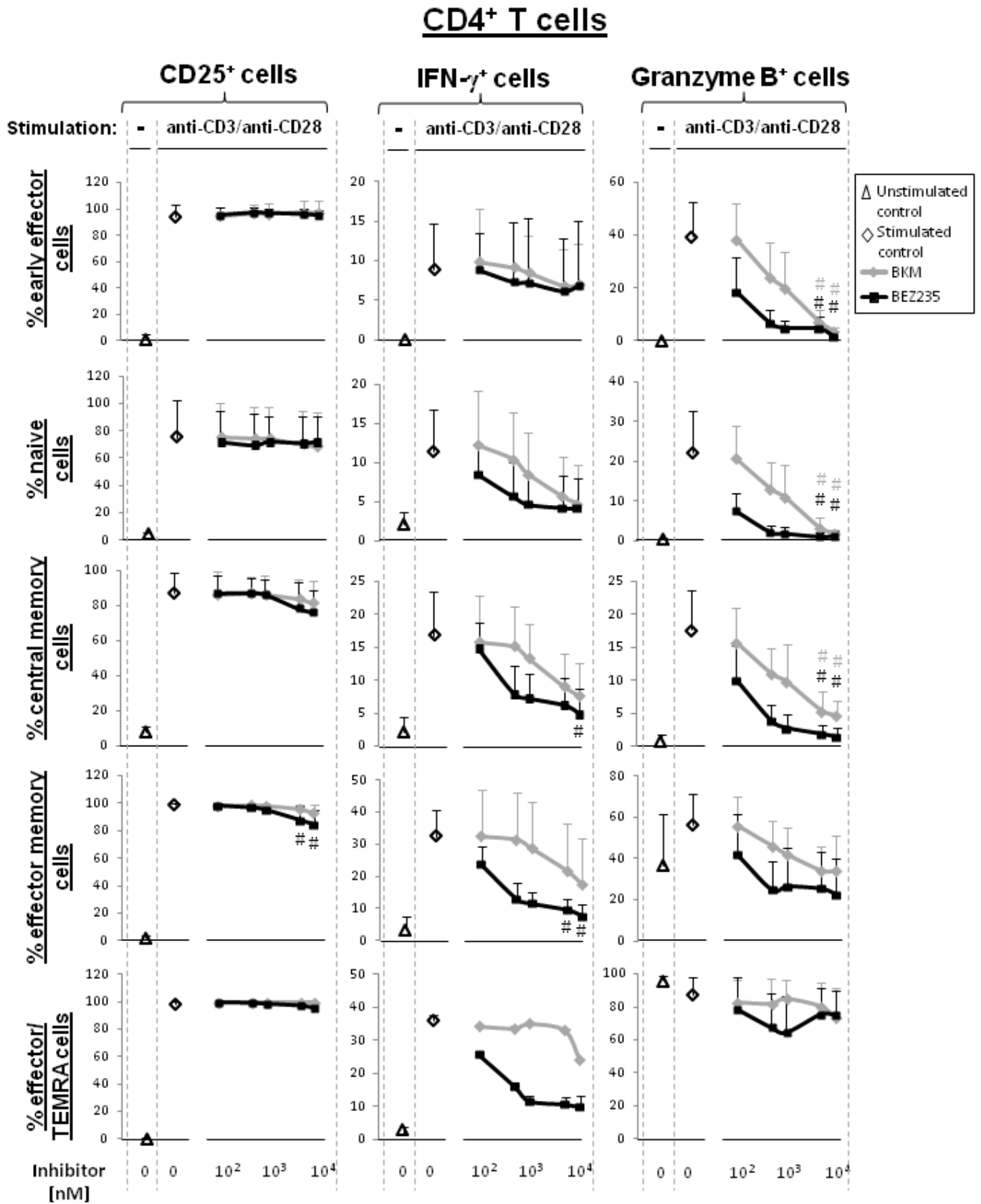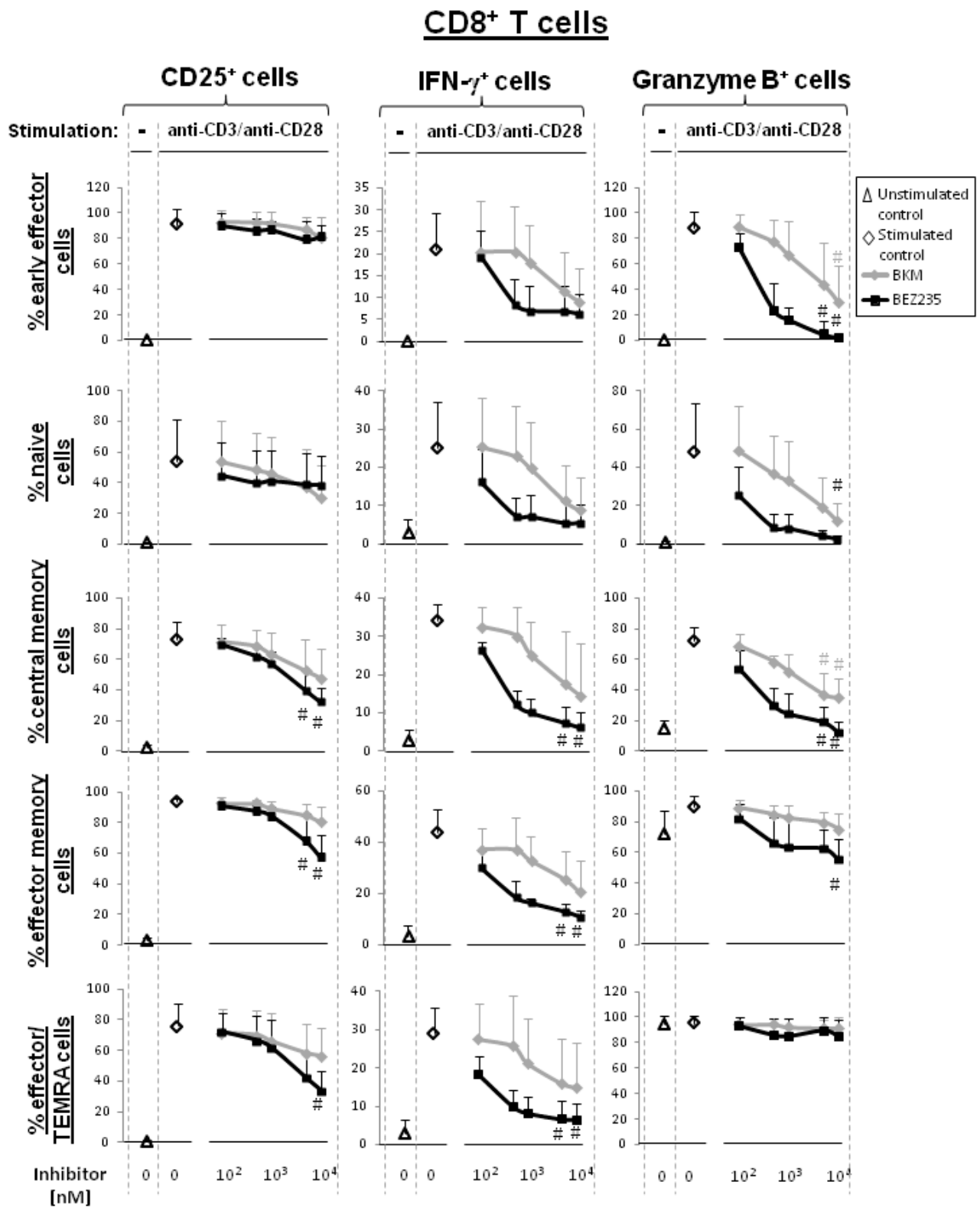
Figure S1.

Figure S2.

CD4+ T cells

Figure S3.

CD8⁺ T cells

Figure S3. CD8⁺ T cells. Panels show CD25⁺ cells, IFN-γ⁺ cells, and Granzyme B⁺ cells across early effector cells, naïve cells, central memory cells, effector memory cells, and effector/TEMRA cells. Stimulation: anti-CD3/anti-CD28. Inhibitor [nM]: 0, 10², 10³, 10⁴. Legend: △ Unstimulated control; ◇ Stimulated control; BKM (gray); BEZ235 (black).

FIGURE S4.

Effector/TEMRA cells