

**Figure S8****Flow cytometric analyses of vaccine-primed gp70:K^b/p15E-dimer⁺ PD-1⁺ LAG-3⁺ CD8 T cells**

Figure S8 continued

(a) B6 mice were untreated (ctrl, n=4), injected with 2.5×10^5 irradiated KPC7735 cells (KPC-ir; n=9) or IFN- γ -treated KPC7735 cells irradiated at d3 post IFN- γ treatment start (KPC-Id3-ir; n=8). On day 12 post immunization, Cr-1:K^b/cr₁₆₋₂₄⁻ and gp70:K^b/p15E-specific CD8 T-cell frequencies were determined in the spleen. Graphs show the actual proportions (%) of K^b/cr₁₆₋₂₄⁻-dimer⁺ and K^b/p15E-dimer⁺ cells among all CD8 T cells \pm SD and combine data out of two independent experiments. For statistical evaluation, groups were compared using one-way ANOVA (with 95% CI) followed by Tukey's multiple comparisons test ($p < 0.05$ (*), $p < 0.0001$ (****), ns, not significant).

(b) Expression of PD-1 and LAG-3 was assessed on the K^b/p15E-dimer⁺ CD8 T-cell populations in the spleens of B6 mice vaccinated with KPC-ir cells (n=5, data from one experiment) and KPC-Id3-ir cells (n=8, combined data from the two independent experiments also shown in (a)). Graphs show the frequencies (%) of PD-1⁺, LAG-3⁺ and PD-1/LAG-3 double positive cells among all K^b/p15E-dimer⁺ CD8 T cells \pm SD. Groups were compared using unpaired student's t test ($p < 0.05$ (*)).

(c) One representative dot blot per group is shown.