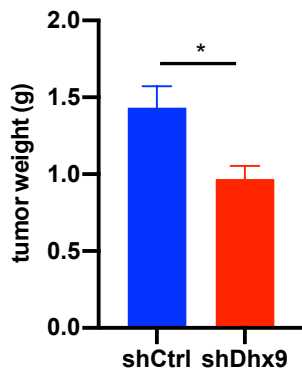
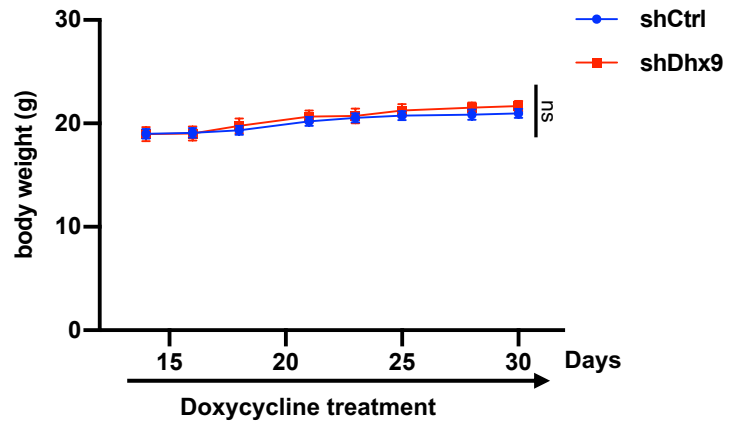


Supplementary Figure S6

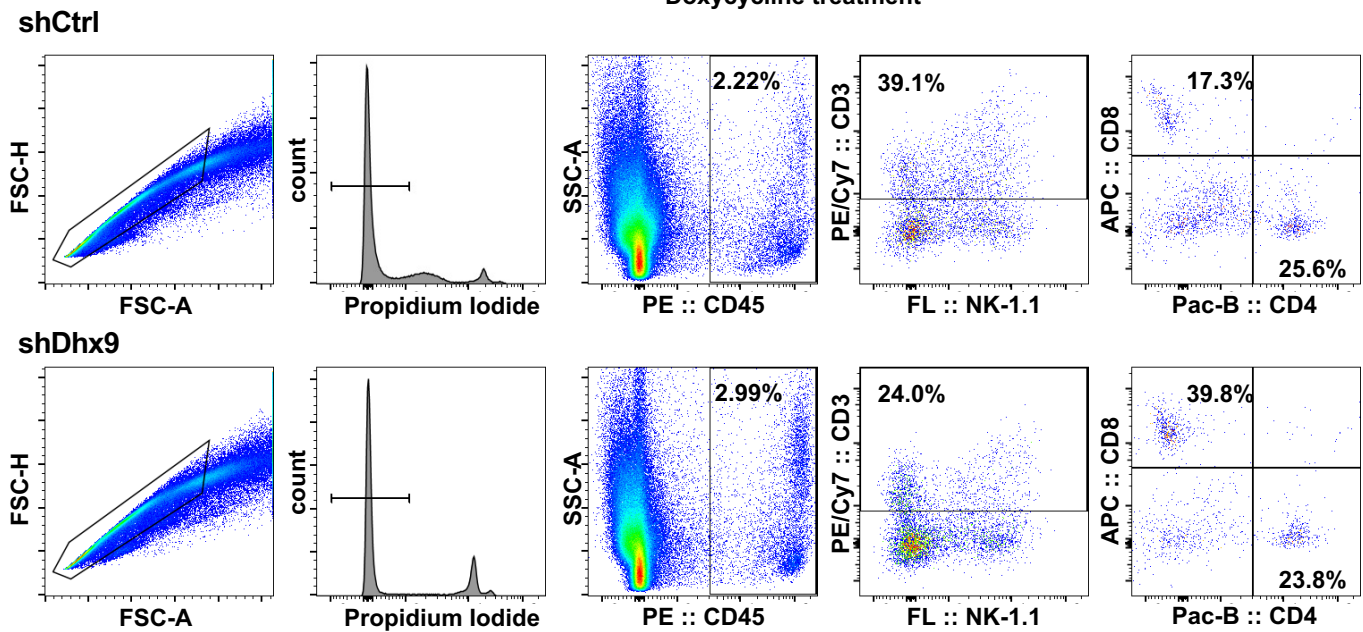
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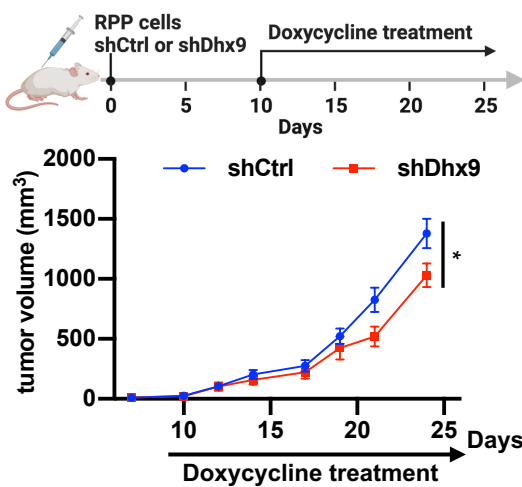
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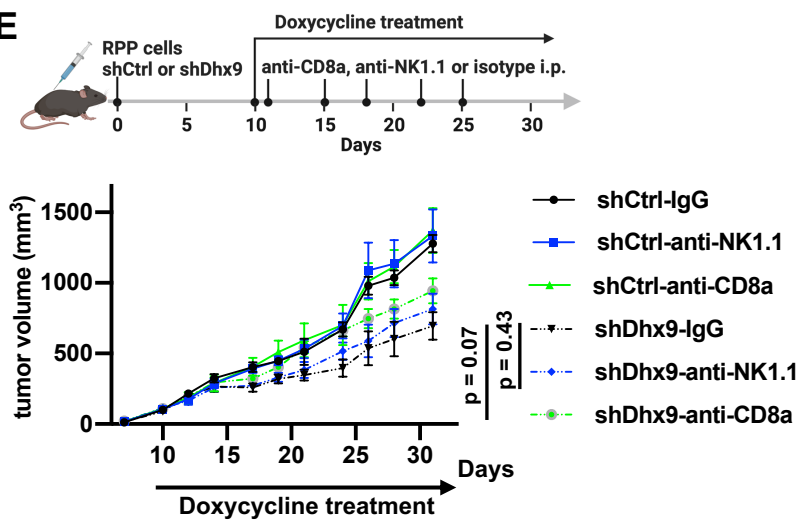
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D

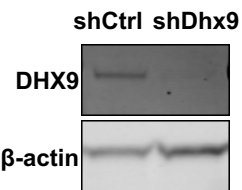


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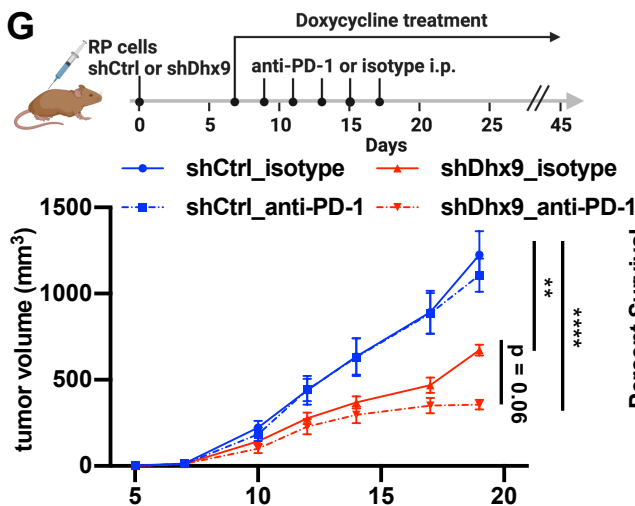


Supplementary Figure S6 (continued)

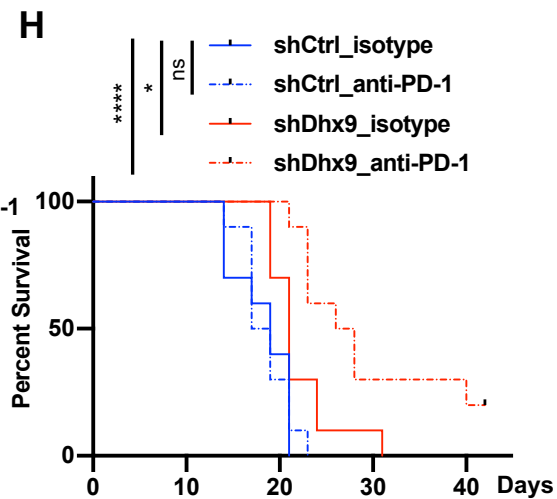
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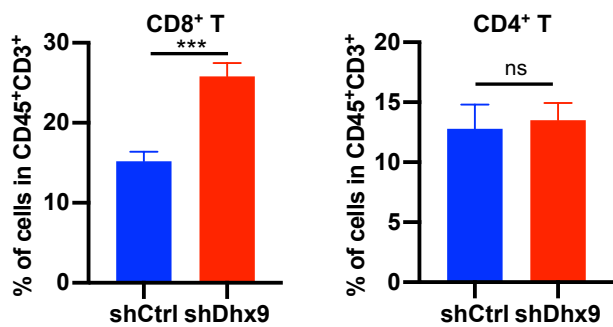
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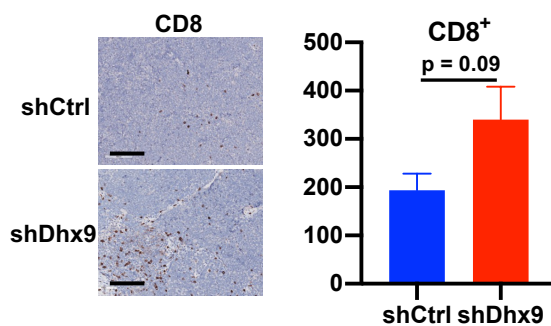
H



I



J



Supplementary Figure S6.

A, Tumor weight of shCtrl and shDhx9 RPP tumors (n = 6), collected on day 32 post-inoculation. **B**, Body weight changes of mice, injected with shCtrl and shDhx9 RPP tumors (n = 6). **C**, Gating strategy used to analyze CD8⁺ and CD4⁺ T cells, infiltrated in shCtrl and shDhx9 RPP tumors. First, single cells were selected in FSC-A vs FSC-H plot, followed by gating of Propidium Iodide negative population. CD45 positive cells were selected in PE-CD45 vs SSC-A plot. Then, CD3 positive cells were selected in FL-NK-1.1 vs PE/Cy7-CD3 plot. Lastly, CD4-positive and CD8-positive populations were analyzed in the CD45⁺/CD3⁺ cells. The compensation was set using single-stained compensation controls. Compensation settings used in this assay was summarized in Supplementary Table S6. **D**, Tumor growth curves of shCtrl and shDhx9 RPP tumors in NSG mice (n = 6). **E**, Tumor growth curves of shCtrl and shDhx9 RPP tumors in C57BL/6 mice, treated with anti-CD8a antibody, anti-NK1.1 antibody or isotype control (n = 6). **F**, Immunoblot (IB) of DHX9 expression in shCtrl and shDhx9 RP cells treated with DOX. **G**, Tumor growth curves of shCtrl and shDhx9 RP tumors treated with isotype control or anti-PD-1 antibody (n = 10). **H**, Survival curves for mice in (G). **I**, Flow cytometry quantification of infiltrating CD8⁺ T cells and CD4⁺ T cells of CD45⁺CD3⁺ cells in shCtrl and shDhx9 RP tumors (n = 6). **J**, Representative IHC images of indicated infiltrating immune cells in shCtrl and shDhx9 RPP tumors (left) and quantification (n = 5) (right). Scale bar = 100 μ m.

Data represent mean \pm SEM. ns, not significant; *p < 0.05, **p < 0.01, ***p < 0.001, ****p < 0.0001 by unpaired Student's t test (A, B, D, I and J), two-way ANOVA followed by Tukey's multiple comparisons test (E and G) and log-rank test (H).