A) Schematic diagram showing the timeline of experiments. C57BL/6 mice were injected with MB49-shNC or MB49-shLRFN2, followed by the administration of α-PD-1 (for shLRFN2-2). The tumor growth and weight were analyzed after 27 days.

B) Graph showing the tumor size (mm³) over days post tumor implantation. The x-axis represents the days post tumor implantation, ranging from 5 to 30. The y-axis represents the tumor size, ranging from 0 to 800 mm³. The graph compares the tumor size across different groups, including shNC+isotype, shLRFN2-1+isotype, shLRFN2-2+isotype, and shLRFN2-2+α-PD-1.

C) Image showing the harvested tumors from different groups. The tumors are arranged in a grid format, with the groups labeled as shNC, shLRFN2-1, shLRFN2-2, and shLRFN2-2+α-PD-1. A ruler is placed at the bottom for scale comparison.

D) Graph showing the tumor weight (g) over days post tumor implantation. The x-axis represents the days post tumor implantation, ranging from 10 to 15. The y-axis represents the tumor weight, ranging from 0 to 2.0 g. The graph compares the tumor weight across different groups, including shNC+isotype, shLRFN2-1+isotype, shLRFN2-2+isotype, and shLRFN2-2+α-PD-1. The statistical significances are indicated by asterisks: *** for p < 0.001 and ns for not significant.