

Article

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Radiation Dose Escalation is Crucial in Anti-CTLA-4 Antibody Therapy to Enhance Local and Distant Antitumor Effect in Murine Osteosarcoma

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Supplementary Materials:



Figure S1. Pie charts showing the ratio between complete and partial response (CR+PR) and stable and progressive disease (SD+PD) of the abscopal tumor between C4 only and C4 with intermediate dose (10 Gy, 4.5 Gy × 3 fx and 2 Gy × 8 fx) groups.



Figure S2. Concentration of IFN- β in the cell culture supernatant 24 and 48 h after the final delivery of irradiation at 0 Gy, 2 Gy, and 30 Gy. Error bars represent SD. Abbreviation; B.D.L.: Below detection limit.



Figure S3. Untrimmed pictures of the western blot in Figure 3 (b). *; Unrelated samples to this study.



Figure S4. Comparison of tumor volumes between sequential and concurrent combinations of highdose hypofractionated irradiation with C4 therapy. (**a**) Schematic diagram of treatment regimens. (**b**) Tumor volume change after initial treatment of the irradiated tumor. (**c**) Tumor volume change after initial treatment of the unirradiated tumor. Error bars represent SEM.



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