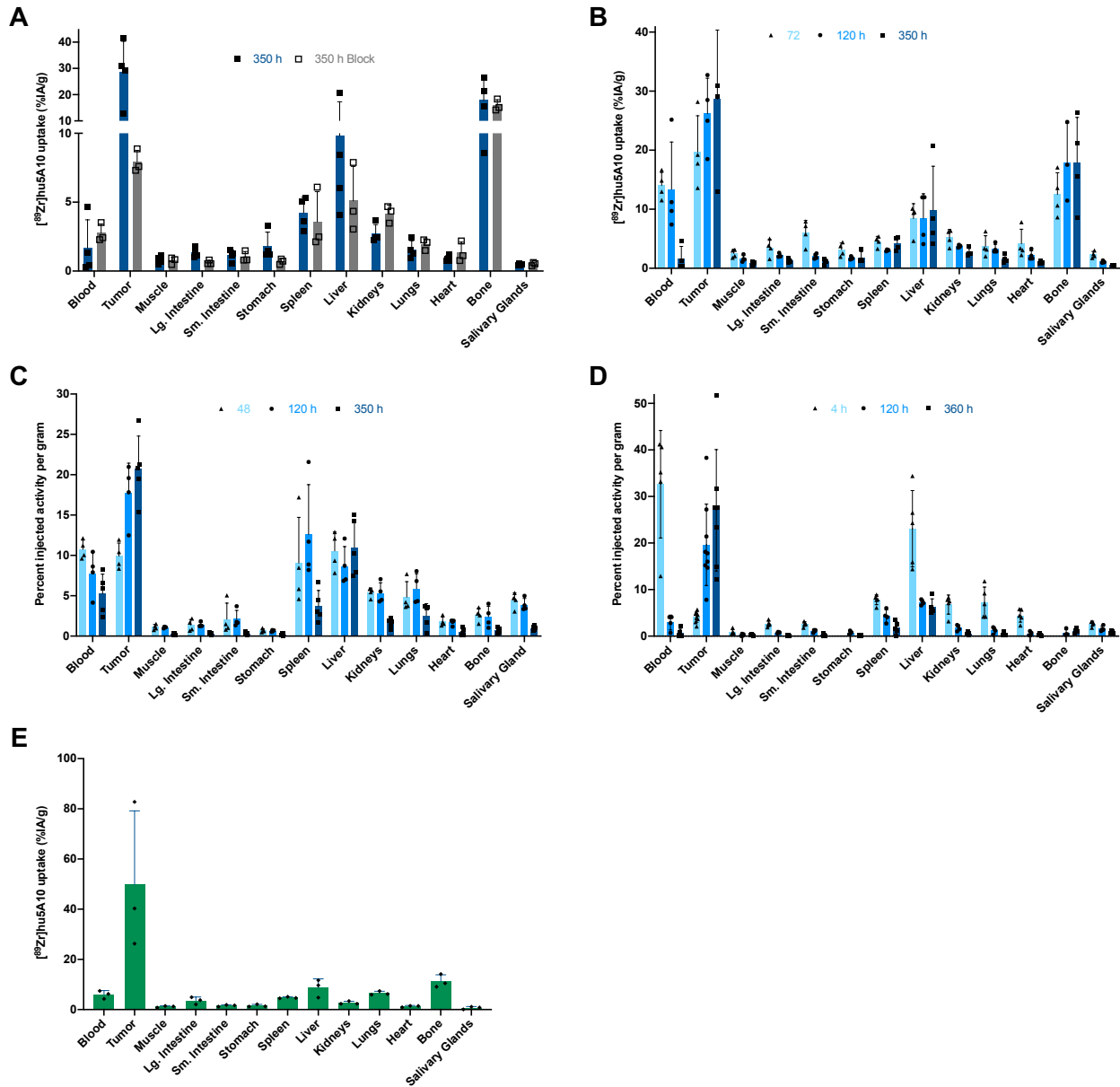


hu5A10 radioimmunotheranostics



Supplementary Figure S1. Ex-vivo biodistribution of ^{89}Zr hu5A10. (A) Specificity of hu5A10. Mice with LNCaP-AR tumors were injected with 4.07MBq/110 μCi ^{89}Zr hu5A10 without or with 1 mg cold antibody (block; n=3-4). (B-D) Biodistribution of ^{89}Zr hu5A10 (4.07MBq; 110 μCi ; B), ^{90}Y hu5A10 (5.55MBq; 150 μCi ; C), and ^{225}Ac hu5A10 (11 kBq; 300nCi; D) over time in the LNCaP-AR tumor (n=3-5 per time point, except for ^{225}Ac hu5A10 tumor uptake: n=7-9 tumors). (E) Biodistribution in MDAPCa2b xenografts at 120h p.i. of 4.07MBq/110 μCi ^{89}Zr hu5A10. Columns represent mean and error bars SD. Sm. Intestine – small intestine, VP – ventral prostate