

Supplementary Material

Incorporation of a Hydrophilic Spacer Reduces Hepatic Uptake of HER2-Targeting Affibody-DM1 Drug Conjugates

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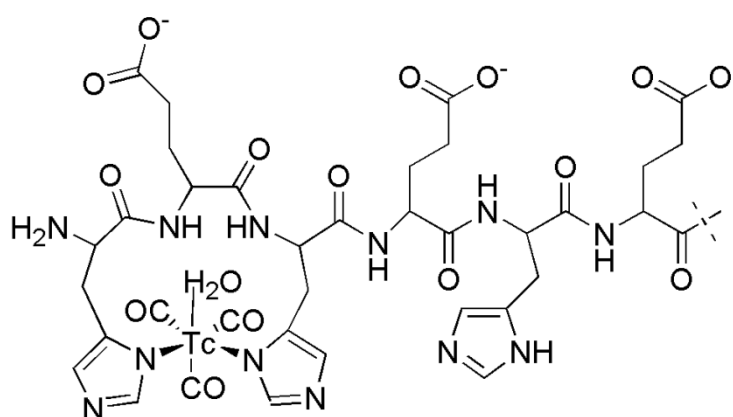


Figure S1. Scheme 1: Structures of the $^{99m}\text{Tc}(\text{CO})_3$ chelated by HEHEHE tag.

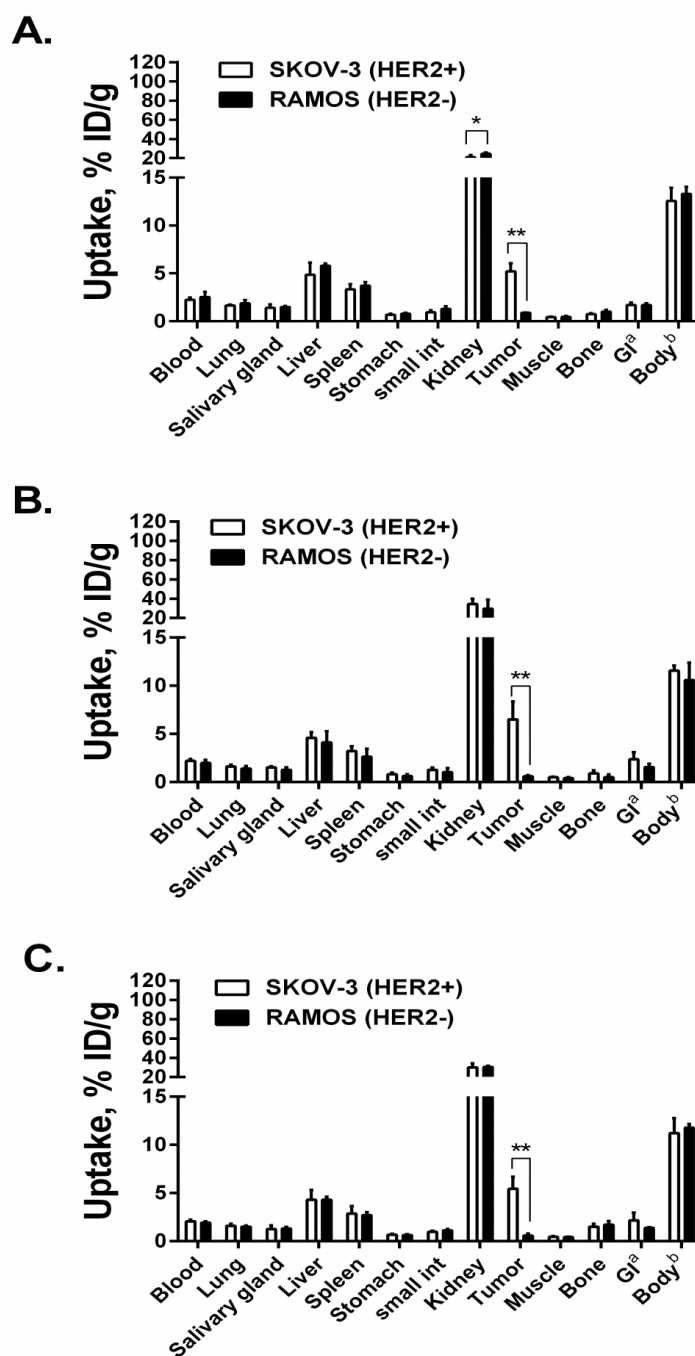


Figure S2. In vivo specificity. Comparative biodistribution of ^{99m}Tc -labeled $(Z_{\text{HER2:2891}})_2\text{-ABD-MC-DM1}$ (A), $(Z_{\text{HER2:2891}})_2\text{-ABD-E}_3\text{-MC-DM1}$ (B) and $(Z_{\text{HER2:2891}})_2\text{-ABD-E}_6\text{-MC-DM1}$ (C) expressed as %ID/g and presented as an average value from 4 animals \pm 1 SD at 46 h after injection in mice bearing HER2+ SKOV-3 (empty) or HER2- RAMOS (filled) tumor xenografts. a,b Data are presented as %ID per whole sample. Data were assessed using student t-test test in order to determine significant differences ($p < 0.05$).

