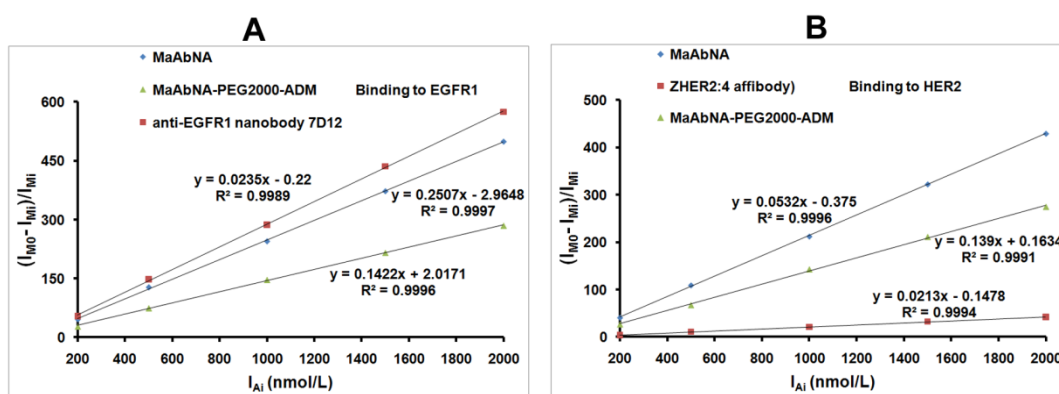
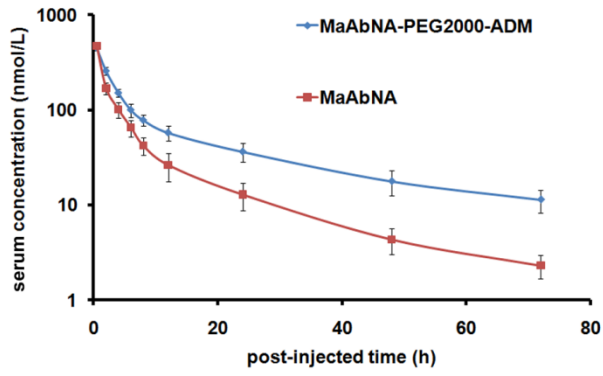


Supplementary Figure S1: Synthesize of MaAbNA-PEG2000-ADM.



Supplementary Figure S2: Graphical representations of the liner relationship between $(I_{M0} - I_{Mi})/I_{Mi}$ and increasing concentrations of EGFR1 (A) or HER2 (B) antigen (I_{Ai} = 0, 500, 1000, 1500 and 2000 nmol/L). I_{Mi} is the molar concentration of free antibodies with a combined antigen concentration of I_{Ai} , and I_{M0} is the molar concentration of free antibodies in the absence of antigen, and $(I_{M0}-I_{Mi})$ represents the molar concentration of the antibody-antigen complex at equilibrium. Both I_{M0} and I_{Mi} were measured by competitive ELISA.



Supplementary Figure S3: The serum concentrations of MaAbNA and MaAbNA-PEG2000-ADM at different time points post intravenous injection to rats.