**Figure S2**

The dissociation constant (KD) was evaluated for the PSMA-targeting Ab-labeled vesicles (A), the urea-labeled vesicles (B), and the PSMA-targeting Ab (C). For vesicle constructs, the x-axis corresponds to the concentration of phospholipids. Error bars correspond to standard deviations of repeated measurements (2 and 3 independent preparations for antibodies and vesicles, respectively, 2 measurements per preparation).