

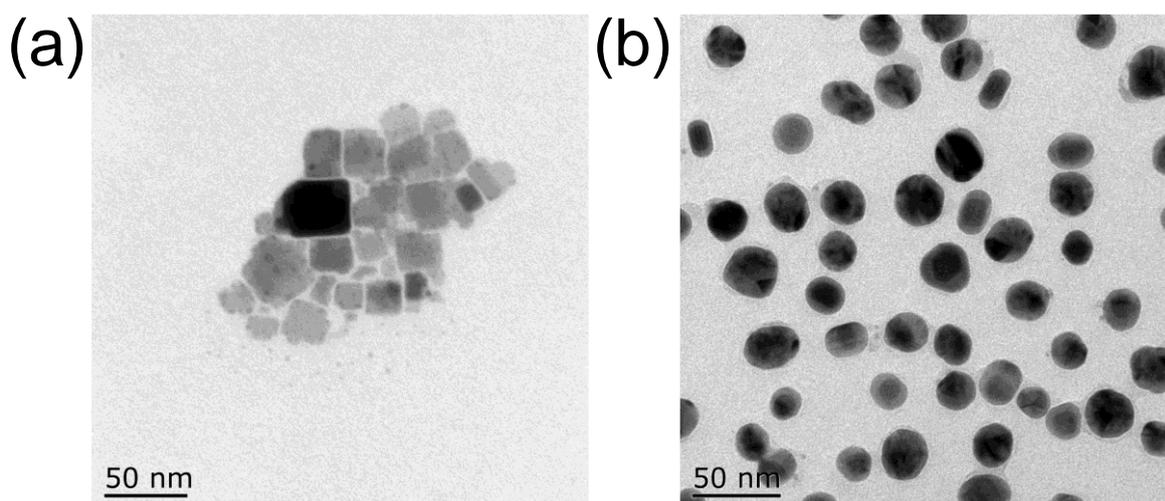
## Supporting Information

### **Metal nanoprobe Decorated All-inorganic Perovskite Nanocrystals-based Fluorescence-Linked Immunosorbent Assay for Detection of Tumor-derived Exosomes**

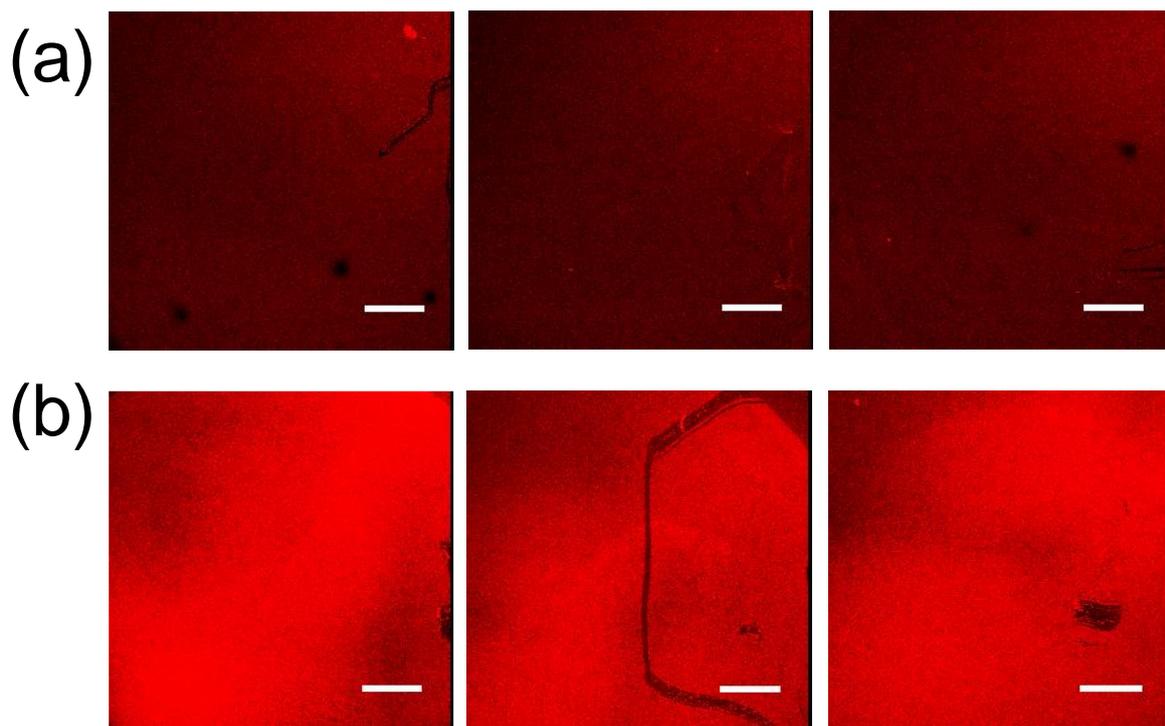
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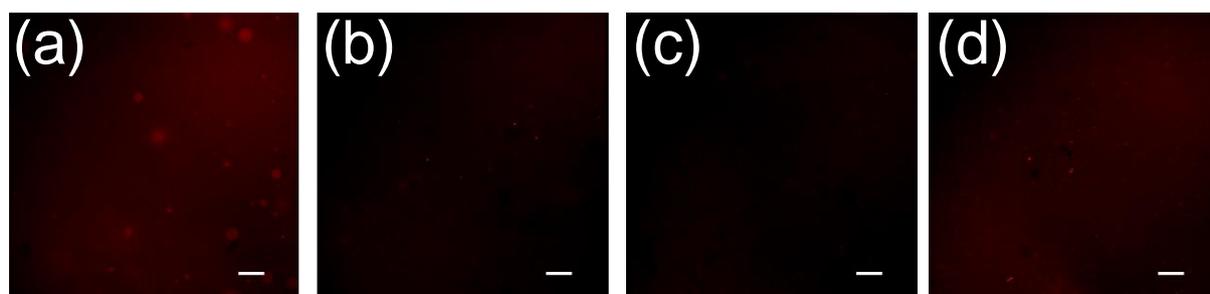
[wangzy@seu.edu.cn](mailto:wangzy@seu.edu.cn)



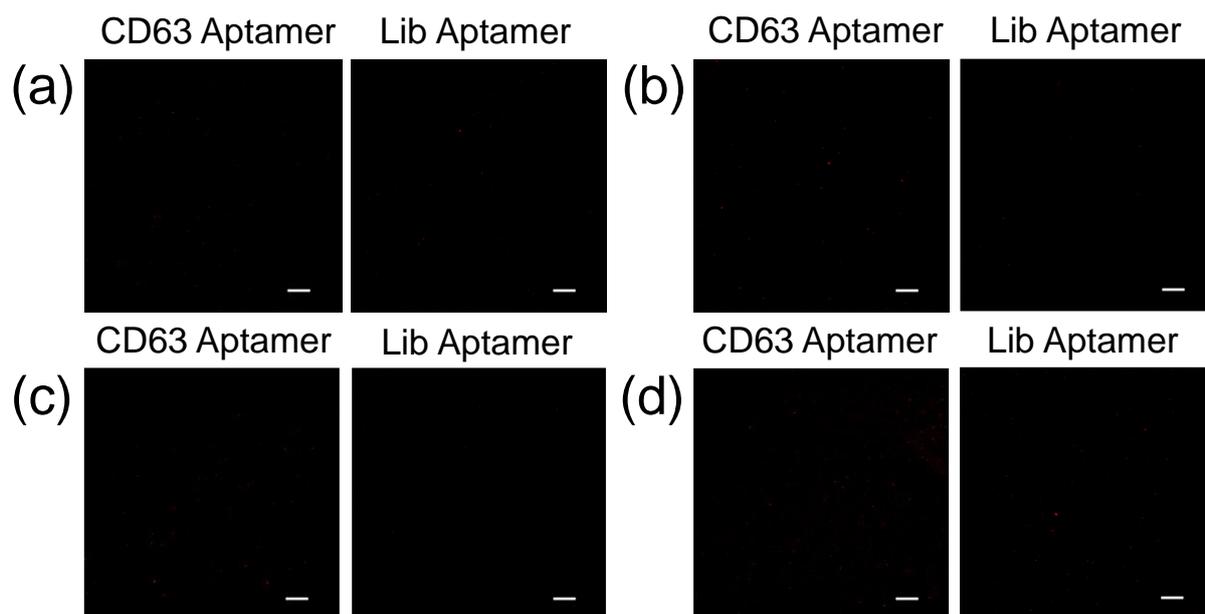
**Figure S1.** TEM images of (a) CsPbBr<sub>3</sub> NCs and (b) Au@Ag nanoparticles.



**Figure S2.** The representative fluorescent images of CD63-Cy5 after reacting with (a) PEI layer, and (b) Au@Ag layer on the PEI layer. All scale bars are 200  $\mu\text{m}$ . All the excited wavelengths are 633 nm.



**Figure S3.** The representative fluorescent images that CD63-Cy5 was incubated with Au@Ag layer for (a) 1, (b) 2, (c) 6, and (d) 12 hours. All scale bars are 100  $\mu\text{m}$ . All the excited wavelengths are 633 nm.



**Figure S4.** The representative fluorescent images that DID-stained SKBR3 exosomes were reacted with CD63 aptamer or Lib aptamer for (a) 1, (b) 3, (c) 5, and (d) 7 hours. Experiment group: CD63 aptamer; Control group: Lib aptamer. All scale bars are 100  $\mu\text{m}$ . All the excited wavelengths are 633 nm.