



Supplementary Figure 12. *In vitro* characterization of $[^{89}\text{Zr}]\text{Zr-DFO-L111}$. **A.** SDS-PAGE under non-reducing and reducing conditions for the $[^{89}\text{Zr}]\text{Zr-DFO-L111}$ developed by autoradiography. Four two-fold dilutions were loaded on the SDS-PAGE gel and developed by autoradiography. **B.** ELISA assay showing binding affinity of the $[^{89}\text{Zr}]\text{Zr-DFO-L111}$ to recombinant TIP1 protein.