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Figure S1



Figure S1. HPLC analysis of aptamer conjugates. A. chromotogram of one cycle of freeze thaw reaction mix at Abs260nm and Abs590nm (B). C. Chromatogram of three cycles of freeze-thaw of aptamer conjugate at Abs260nm and Abs590nm (D).

Figure S2



**B** Stability and DIBO-AF594 release study

Figure S2. A. Agarose gel electrophoresis of conjugates incubated in phosphate bufferred saline pH 7.2 upto 72hrs. B. Release of DIBO-AF594 from the conjugate was analyzed upto 24hours by dialysis in reference to the free DIBO-AF594.

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Figure S3



Figure S3. Fluorescent microscopy images showing the internalization of the aptamer conjugates in PC3, MCF7 cells, Weri-Rb1 and Mio-M1. Upper panel has DAPI and AF594 merged and lower panel showing respective phase images.