Electronic Supplementary Information

**Lectin-Based Electrochemical Biosensor Constructed by Functionalized Carbon Nanotubes for the Competitive Assay of Glycan Expression on Living Cancer Cells**

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**Fig. S1** The selectivity test for the analysis of living cells. The Con A-based biosensor was used for the assay of 95-D cells at the concentration of $2.0 \times 10^4$ cells mL$^{-1}$ (a) and mannose sample at the concentration of 0.0093 μM (b).

**Fig. S2** Fluorescence images of (A) 95-D and (B) H1299 cells stained with Fluorescein Con A (5.0 μg mL$^{-1}$), respectively. The graph of the mean fluorescence intensity by the addition of 95-D and H1299 cells (C).