Supporting information

Stimulation of immune systems by conjugated polymers and their potential as an alternative vaccine adjuvant

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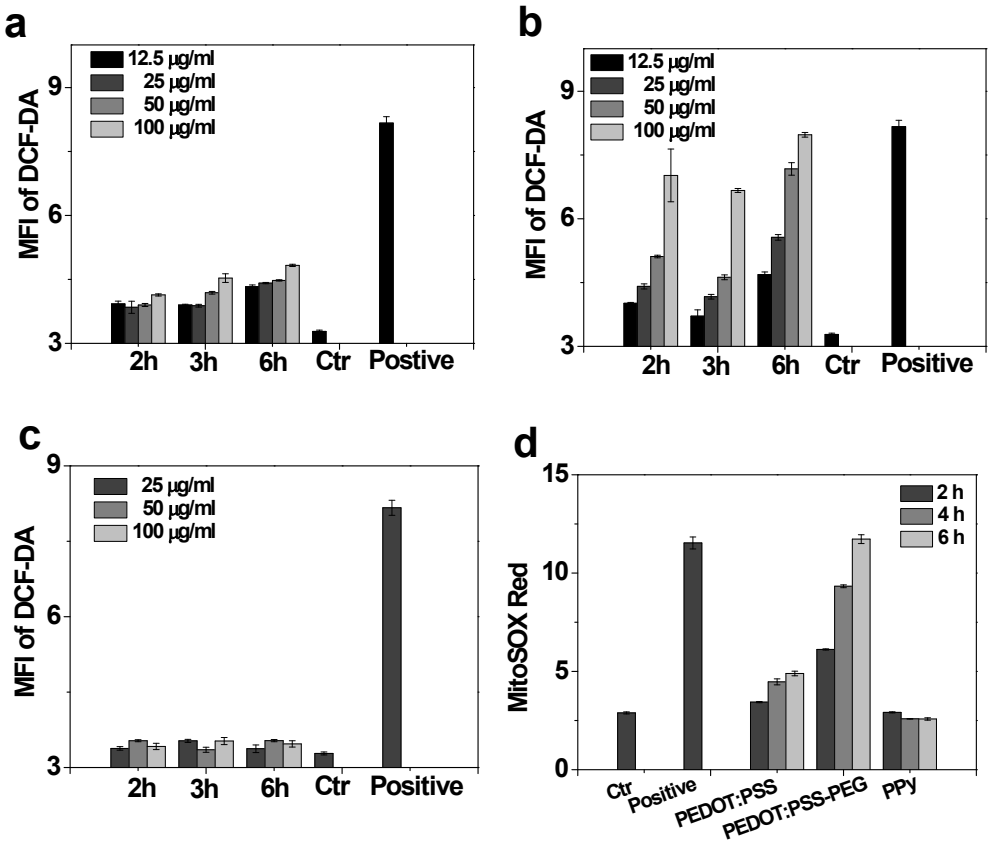

Figure S1. Intracellular generation of ROS detected by DCF-DA and MitoSox red. (a-c) RAW 264.7 cells treated with PEDOT:PSS (a), PEDOT:PSS-PEG (b), and PPy (c) at various concentrations and time points, the intracellular ROS was measured by DCF-DA, which is a sensitive dye for H_2O_2. (d) Intracellular generation of ROS detected by MitoSox red, which is a sensitive dye for O_2^- radicals.

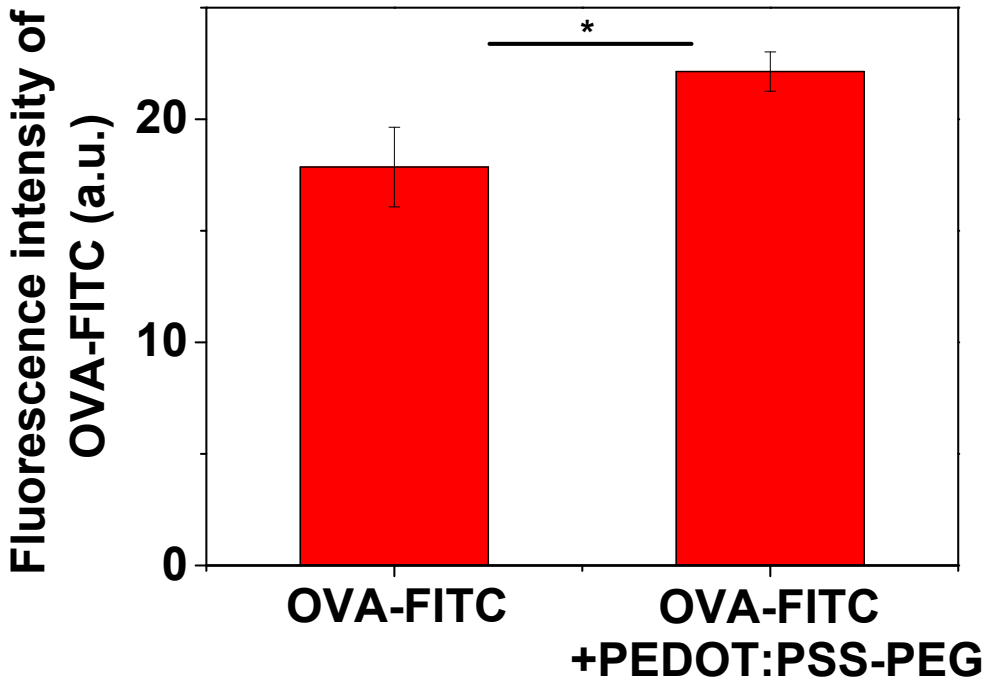

Figure S2. Comparison of OVA uptake efficiency after treating bone marrow derived dendritic cells with free OVA-FITC and the mixture of OVA-FITC and PEDOT:PSS-PEG.

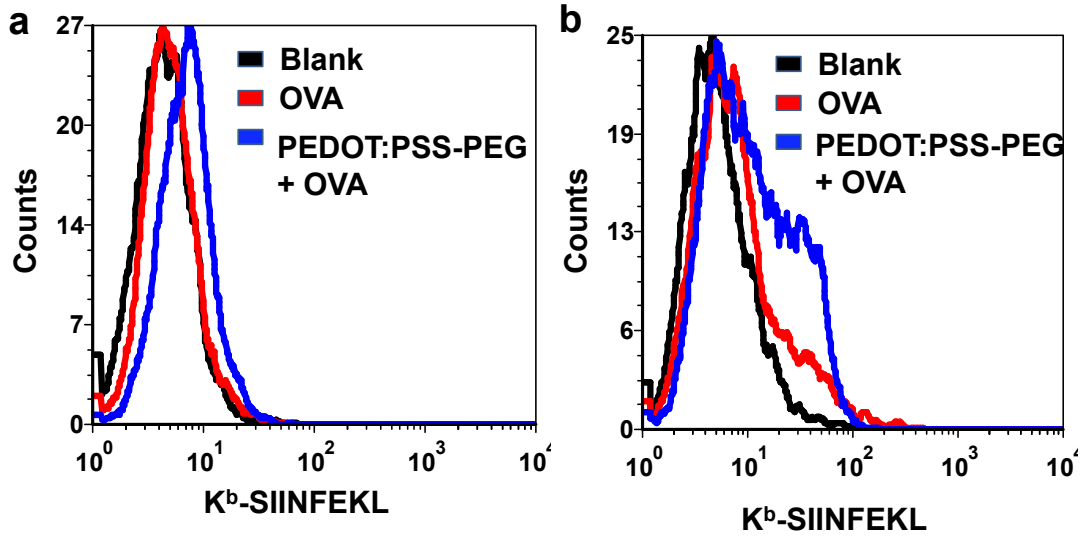

Figure S3. Representative histograms of cross presentation of OVA antigen by using anti-K^b-SIINFEKL-PE antibodies after treating dendritic cells with various materials for 24 hours (a) and 48 hours (b).