Supplementary Information

Gold nanorods as a theranostic platform for *in vitro* and *in vivo* imaging and photothermal therapy of inflammatory macrophages

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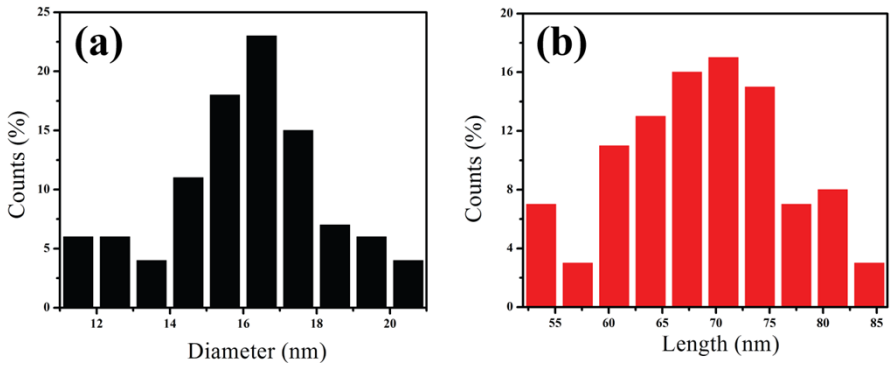

Figure S1. Diameter (a) and length (b) of the Au NRs.

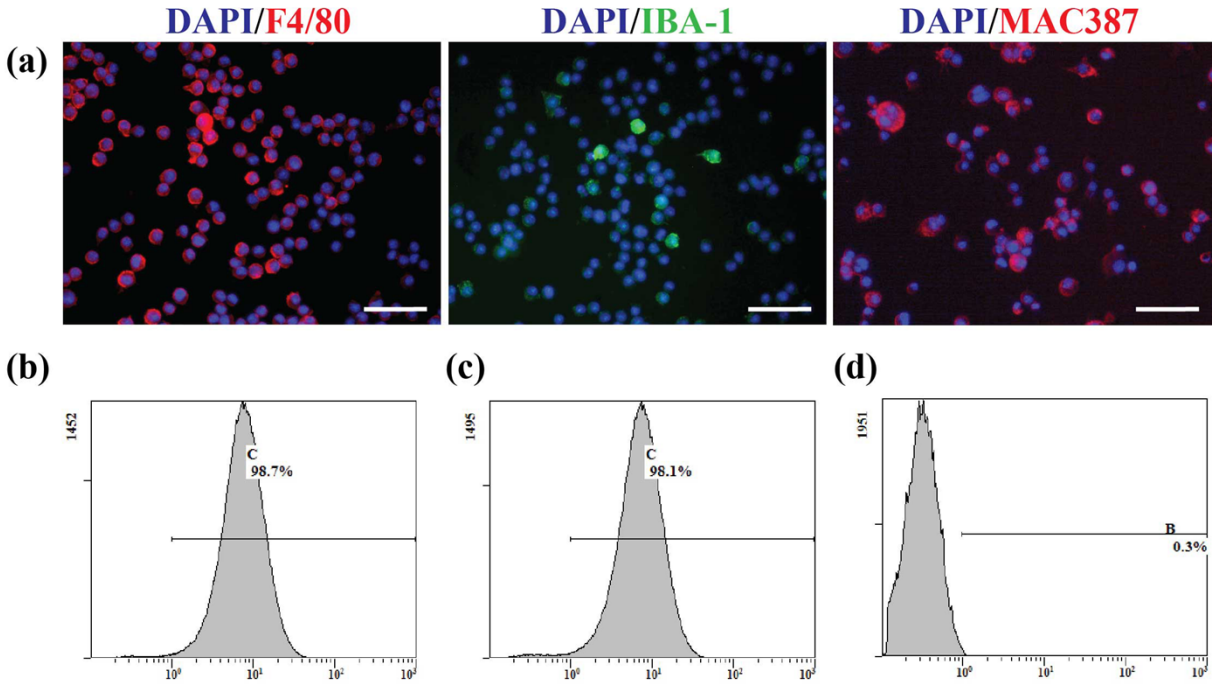

Figure S2. Characterization of Ana-1 cells. Immunofluorescence staining showed that more than 97% of the Ana-1 cells expressed the macrophage specific markers F4/80 (red), Iba-1 (green) and MAC-3 (red), and the nuclei were stained with DAPI (blue, a). Flow cytometric

analysis of Ana-1 cells were strongly positive for the macrophages surface antigens F4/80 (98.7% ± 0.37%, b) and CD11b (98.1% ± 0.23%, c) compared with the control groups (0.3% ± 0.02%, d). Scale bar measures 100 μm.

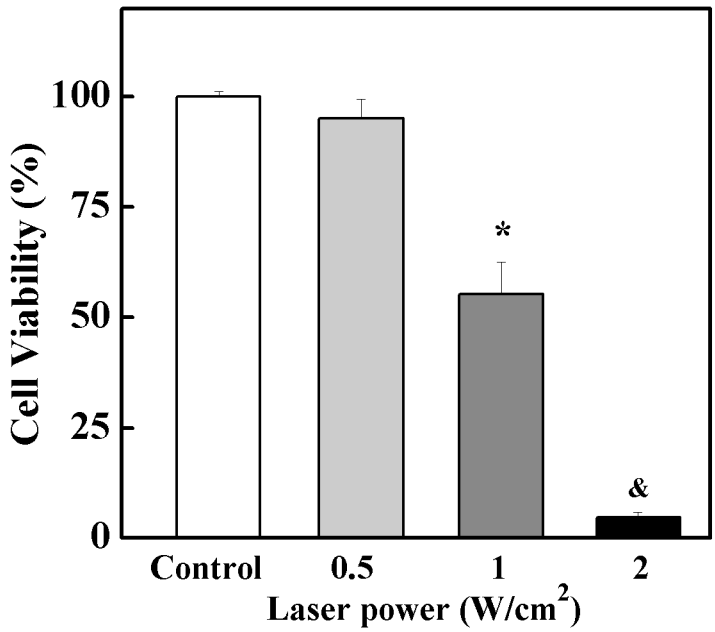

Figure S3. Relative viabilities of Ana-1 cells after Au NRs-induced photothermal ablation at different laser power densities (0.5, 1 and 2 W/cm^2) after calcein AM and PI staining.