Supplementary Material (ESI) for Physical Chemistry Chemical Physics # This journal is (c) The Owner Societies 2011

Supplementary Information

Yasutaka Kitahama,*^{*a*} Yuhei Tanaka,^{*a*} Tamitake Itoh^{*b*} and Yukihiro Ozaki^{*a*}

^a Department of Chemistry, School of Science and Technology, Kwansei Gakuin University, Sanda, Hyogo 669-1337, Japan.

E-mail: kitahama@kwansei.ac.jp; Fax: +81 79 565 9077; Tel: +81 79 565 8349

^b Nano-Bioanalysis Group, Health Technology Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Takamatsu, Kagawa 761-0395, Japan.

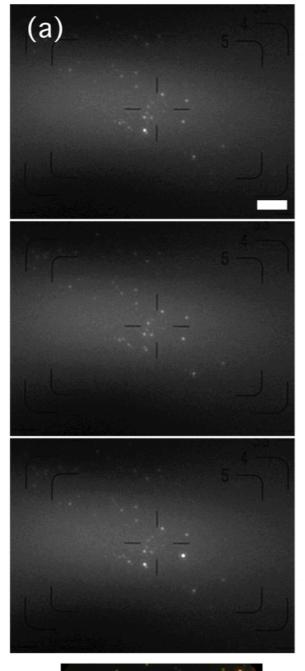


Fig. S1 (a) Video microscope images of a single Ag nanoaggregate with adsorbed 3,3'-diethyl thiacyanine (TC) excited at 458 nm. Scale bar is 10 μ m. (b) The corresponding LSPR Rayleigh scattering microscope image in the same area.

