

Support Information

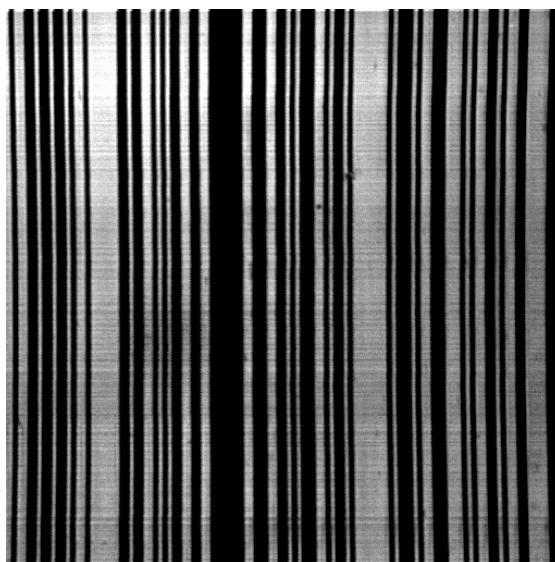
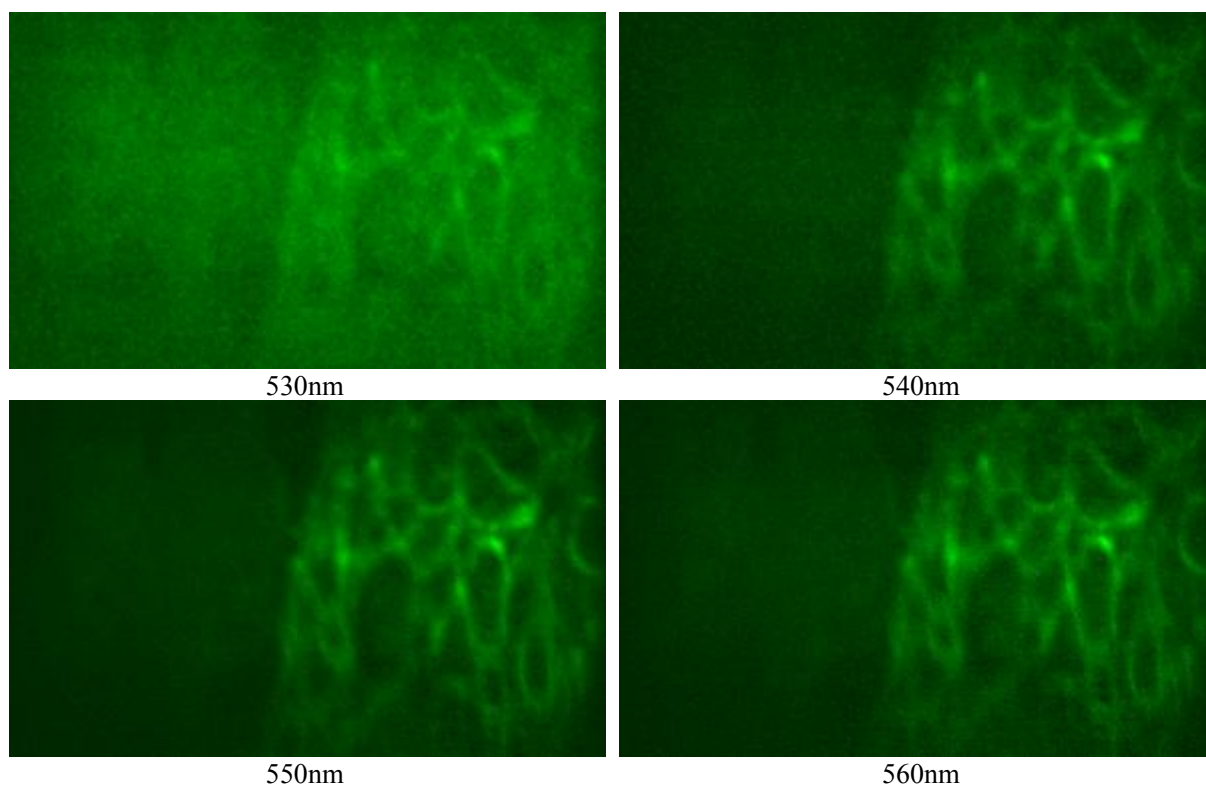


Figure S1. The Hadamard image of the one-dimensional mask that is used in this study. The image was captured with the Hadamard imaging system developed in this study using a 10 $\times$ objective. The width of a single narrowest line is 12.5 μm .



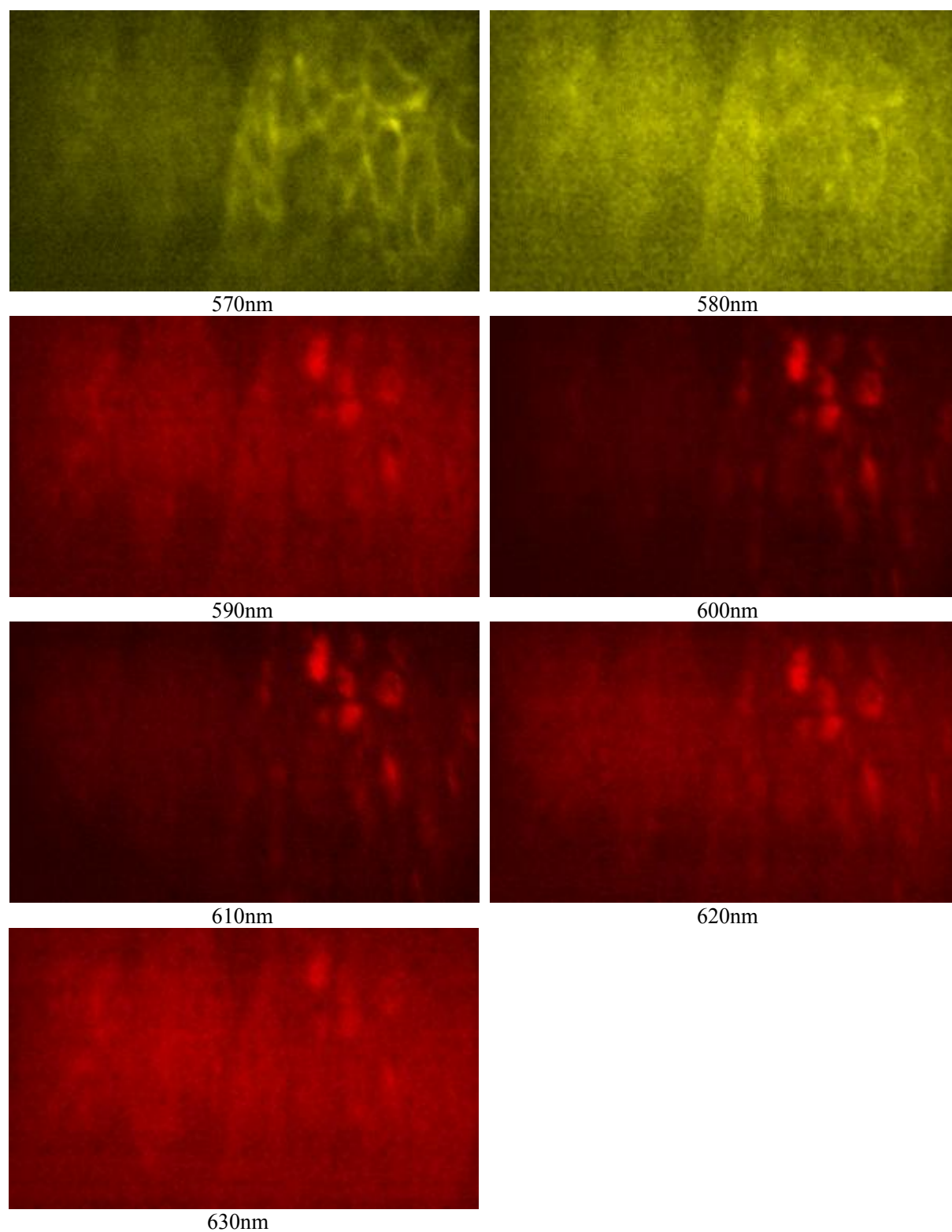


Figure S2. Fluorescence pseudo-color images (from 530 to 630 nm at 10 nm interval) of QDs labeled human breast cancer tissue obtained with the Hadamard imaging system at the same view field using an objective 25 $\times$ /0.65. The images were used to build the 4D image in **Figure 3**.

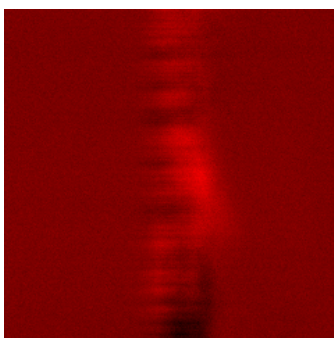


Figure S3. Pseudo-color fluorescence images of AO/EB stained apoptotic fibroblast obtained with the Hadamard imaging system using an objective 25 $\times$ /0.65. Untreated normal cell as in Fig. 5a,5b at 600 nm.