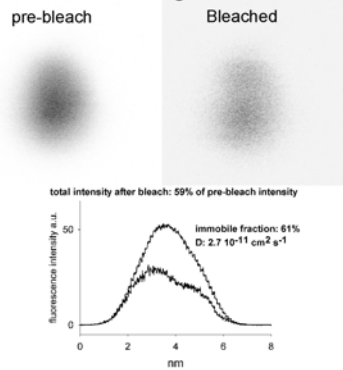


“Undiluted” control grana membranes



“Highly diluted” fused grana membranes

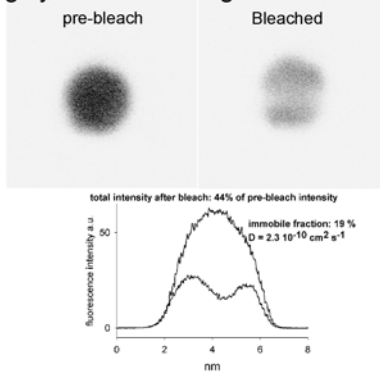


Figure S1 Examples for the estimation of the immobile fraction and the diffusion coefficient in undiluted and highly diluted membranes (same as Figure 3). Unlike Figure 2 the degree of bleaching for the undiluted BBY membrane is much lower. However analyzing the fluorescence recovery kinetics reveals similar values as in Figure 2 indicating that the degree of bleaching does not influence the estimation of the immobile fraction and D .