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Native Nanobleach of native nanodiscs

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We use this protocol and it's working

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Abstract

This is a protocol to conduct Native Nanobleach of native nanodiscs.

Troubleshooting

1 Note, this method is adapted from Walker, Brown, et al. (DOI: **10.1038/s41565-023-01547-4**)

2 Prepare flow chamber by treating with poly-L-lysine (PLL) PEG and PEG-biotin.

3 Add streptavidin to flow chamber.

4 Add biotinylated GFP-nanobody to flow chamber.

5 Add native nanodiscs to the flow chamber for immobilization.

6 Conduct step-photobleaching analysis using TIRF microscopy.