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Protein-ssDNA Conjugation

Main Text Figure 1

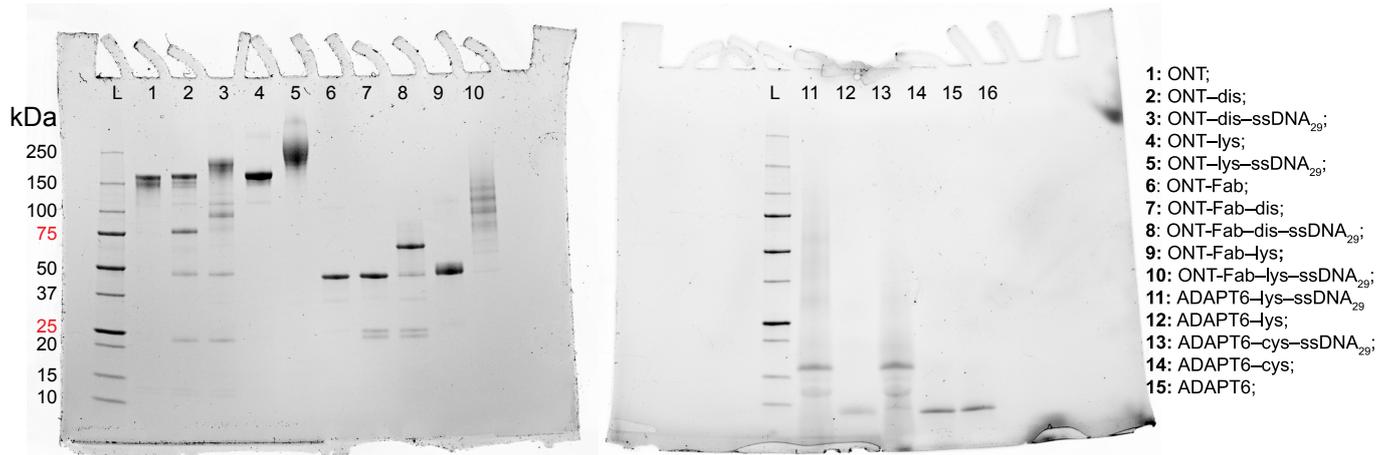


Figure G1. Un-cropped SDS-PAGE images for the analysis of ONT, ONT-Fab and ADAPT6 modified structures.

SI Figure S4 Panel A

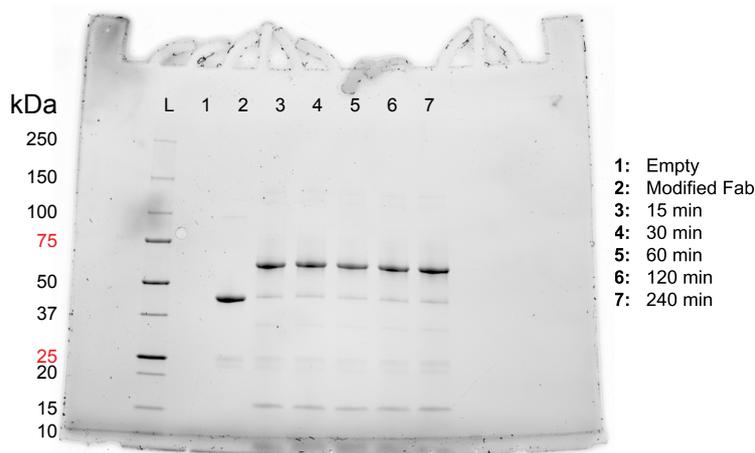


Figure G2. Un-cropped SDS-PAGE image for the analysis of the reaction between ONT-Fab-dis and TCO-ssDNA₂₉, monitored over time.

SI Figure S4 Panel B

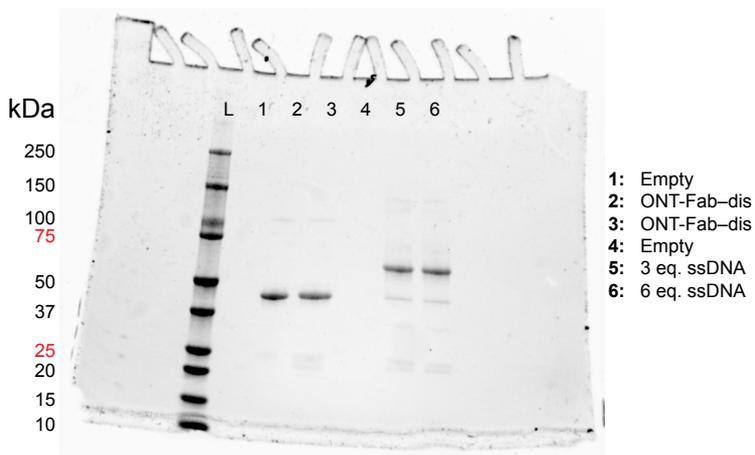


Figure G3. Un-cropped SDS-PAGE image for the analysis of the reaction between ONT-Fab-dis and TCO-ssDNA₂₉, as a function of equivalents of ssDNA.

SI Figure S5

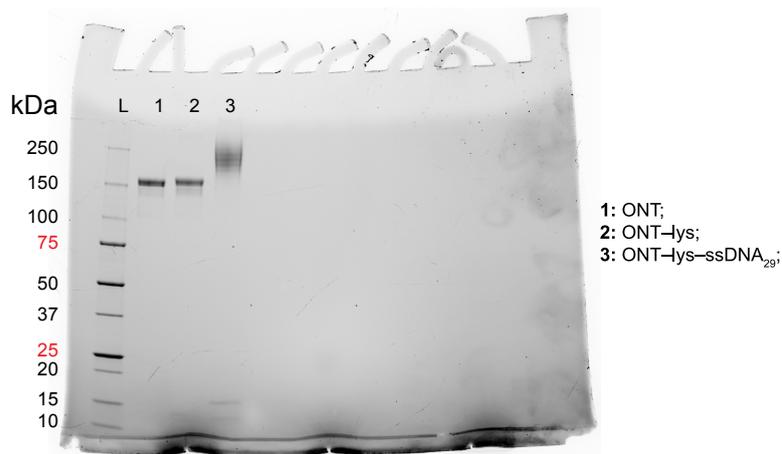


Figure G4. Un-cropped SDS-PAGE image(s) for the analysis of the heterogeneity of the non-specific conjugation to lysine residues. Specifically, image shows panel (i) in original figure. Panels (ii) and (ii) were extracted from images in Figure G1 from lanes 10 and 11 respectively.

SI Figure S7

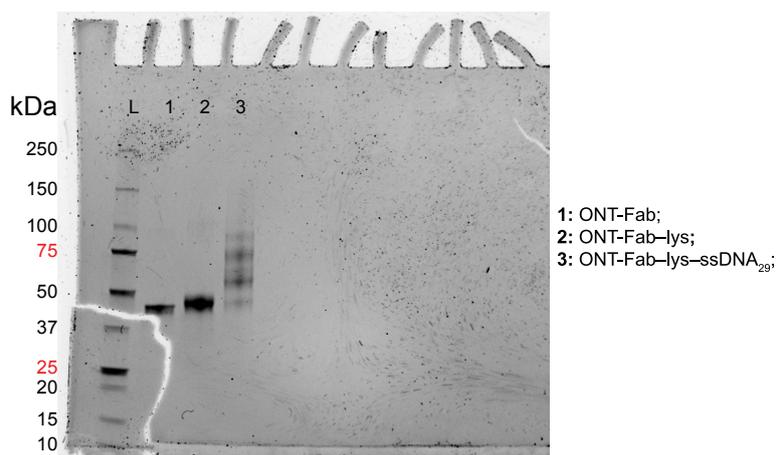


Figure G5. Un-cropped SDS-PAGE image for the analysis of the conjugation between ONT-Fab-lys and TCO-ssDNA₂₉, with an average ssDNA:protein ratio of 1.35 : 1.

The impact of DNA length on HER2 binding

Main Text Figure 3

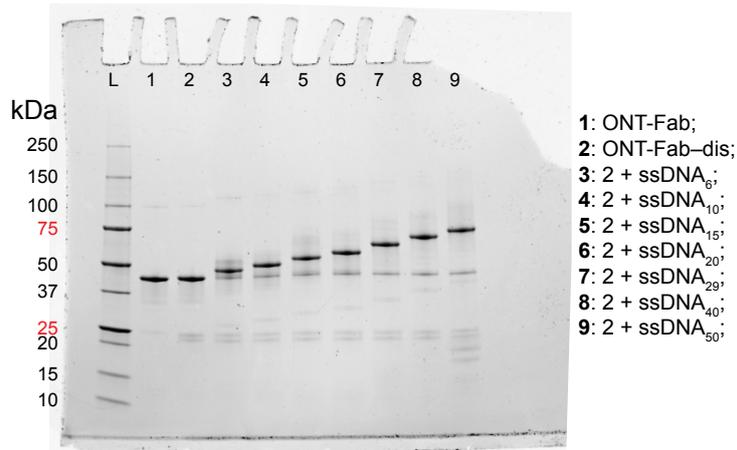


Figure G6. Un-cropped SDS-PAGE image for the analysis of ONT-Fab-ssDNA₆₋₅₀ conjugates.

ImmunoPCR

SI Figure S11

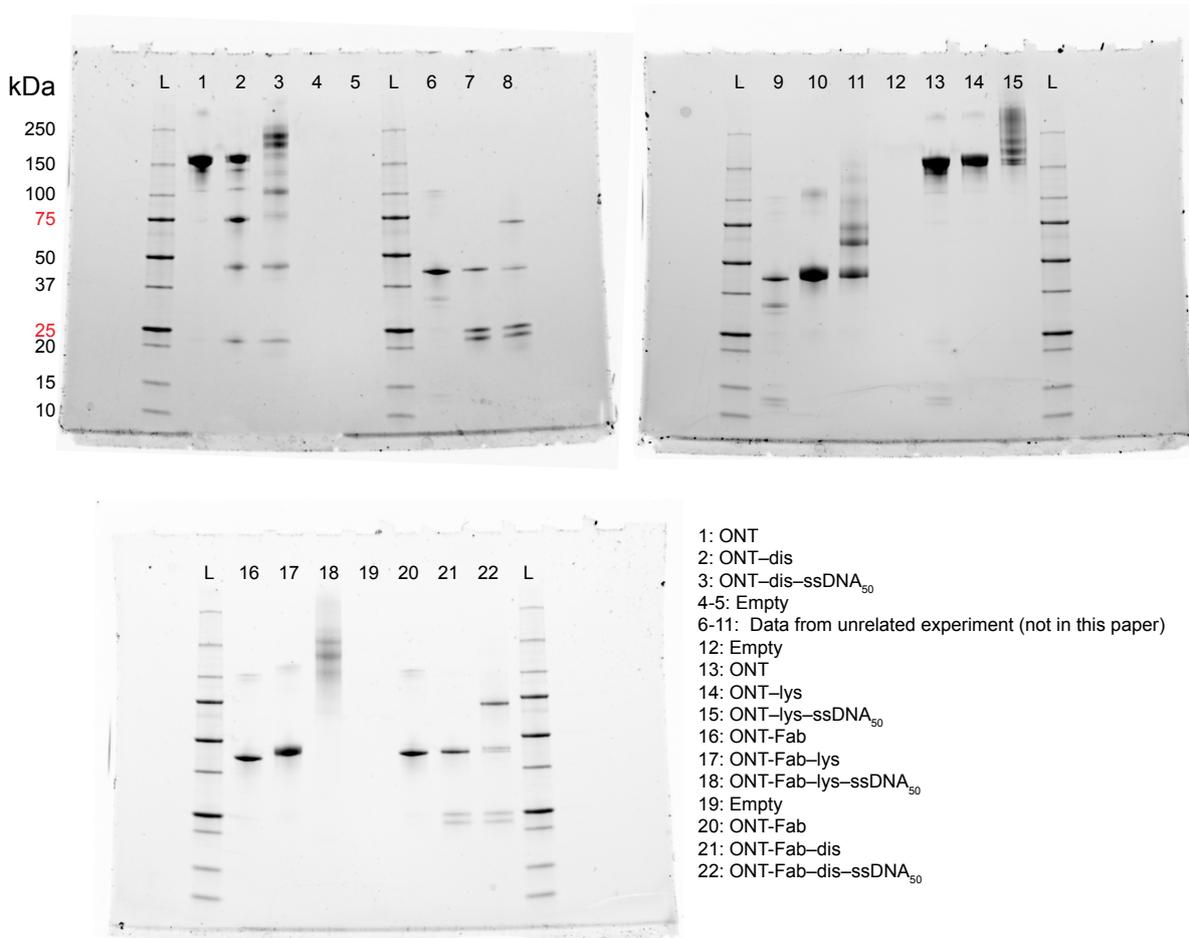


Figure G7. Un-cropped SDS-PAGE images for the analysis of Protein-ssDNA₅₀ conjugates for the immunoPCR experiments.

Cytometry and cell staining

SI Figure S13

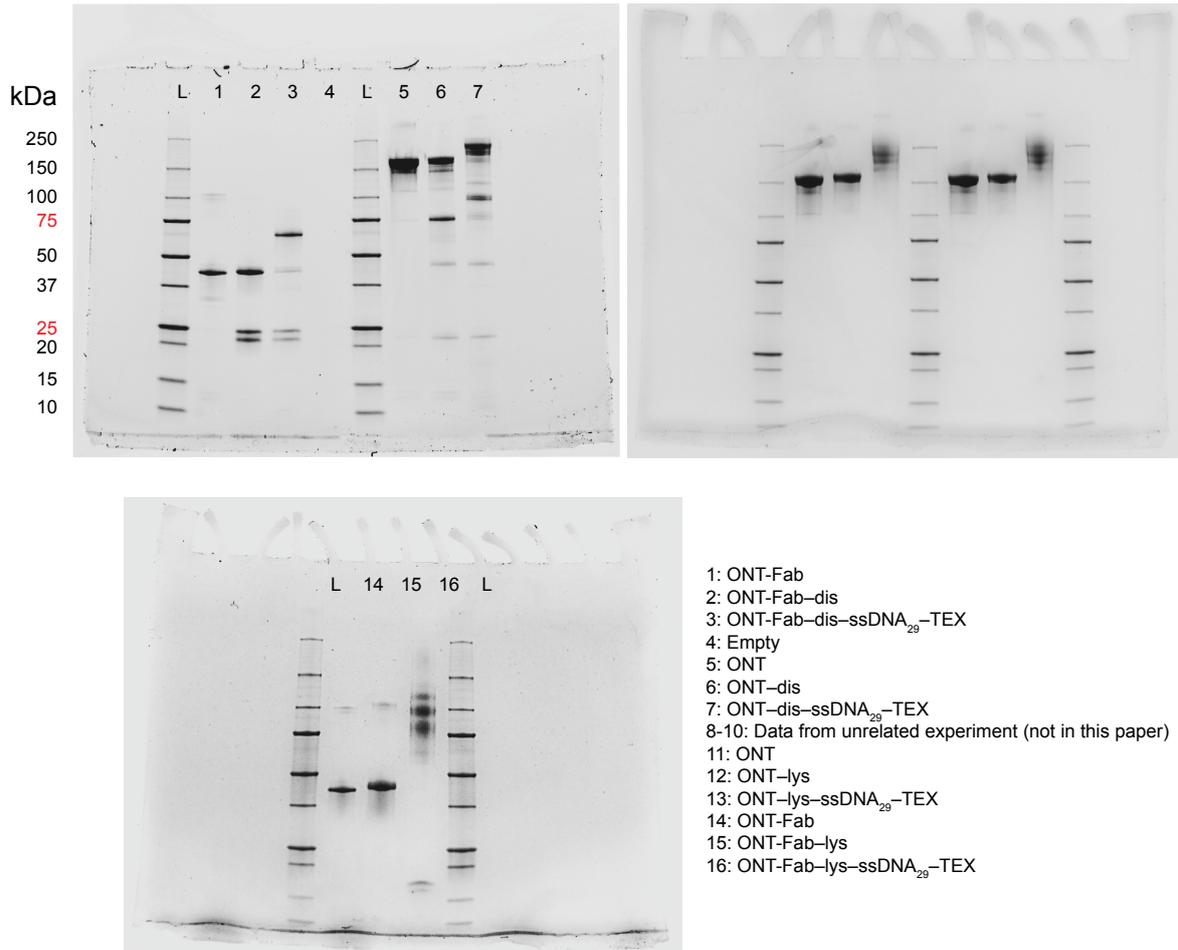


Figure G8. Un-cropped SDS-PAGE images for the analysis of Protein-ssDNA₂₉-TEX conjugates for the cell flow cytometry and imaging experiments.