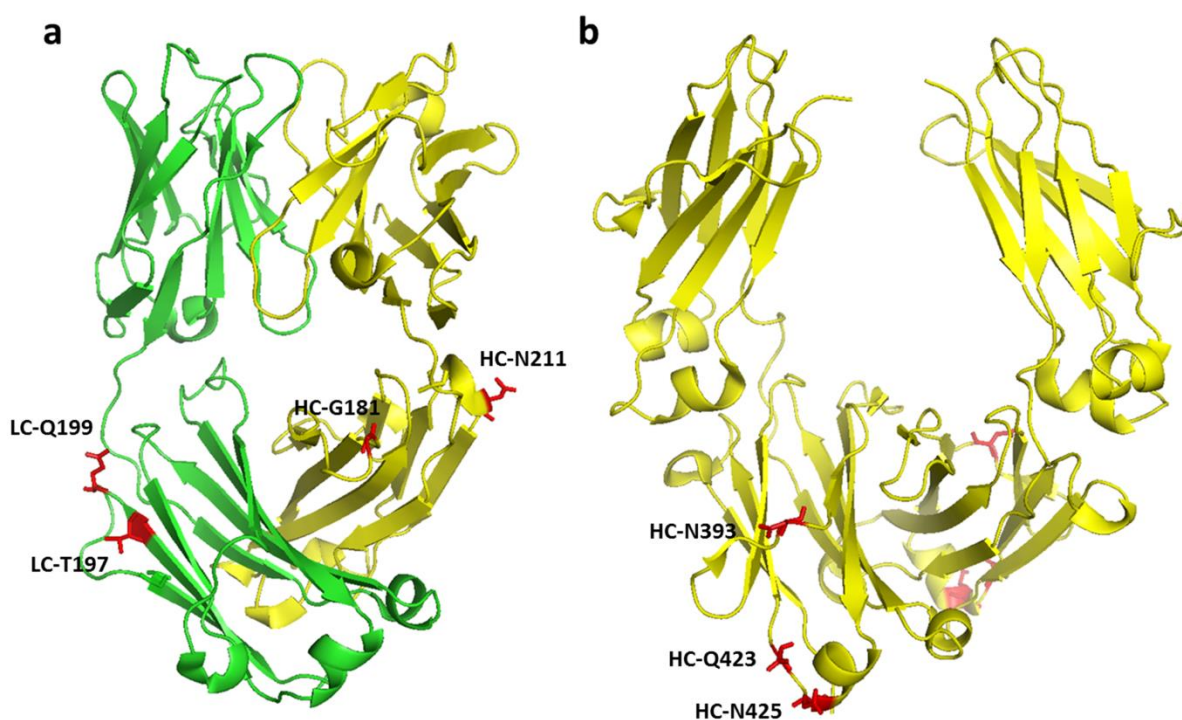




Additional file 5. Positions of introduced cysteine residues for trastuzumab. The positions are indicated using a trastuzumab Fab structure (PDB: 1N8Z(1)) (a) and a trastuzumab Fc structure (PDB: 3D6G(2)) (b). Two positions (LC-T197C, LC-Q199C) are in the light chain (green) and five positions (HC-G181C, HC-N211C, HC-N393C, HC-Q423C, HC-N425C) are in the heavy chain (yellow).

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