



S13 Fig. The fractional occupancy of each receptor individually when one receptor (IL-6R) is in excess. IL-8R was fixed at 10^3 receptors/cell for these simulations, while IL-6R ranged from 10^2 to 10^7 receptors/cell. The fractional occupancy indicates the fraction of the specific receptor concentration (either IL-6R or IL-8R) that is bound to antibody (either BS1 or the combination of tocilizumab and 10H2). The fractional occupancy when IL-6R was fixed and IL-8R was in excess was shown in the main text [Fig 7]