



**Extended Data Figure 4 | Cold competition of wild-type C5aR1 and C5aR1 StaR (29–333) bound to [<sup>3</sup>H]NDT9513727.** a–f, Cold competition of 200 nM [<sup>3</sup>H]NDT9513727 to solubilized cell lysate containing wild-type C5aR1 or C5aR1 StaR (29–333) with either NDT9513727, C5a agonist, PMX53 or W-54011. Data are representative of four independent experiments performed in duplicate  $\pm$  s.d.  $IC_{50}$  values inset with s.d. in parentheses. The datasets for the C5a peptide and PMX53 could not be

analysed owing to absent competition. g, Data are mean  $\pm$  s.e.m. from four biologically independent experiments performed in duplicate. The mean p $IC_{50}$  values (s.e.m. in brackets) are 6.27 (0.10), 6.75 (0.23), 6.58 (0.10) and 6.54 (0.19) for the competition of NDT9513727 and W-54011 against wild-type and then C5aR1 StaR (29–333), respectively. Dagger symbol denotes no value owing to lack of observed competition.