Mapping of the CD23 binding site on IgE and allosteric control of the IgE-FcεRI interaction

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FIGURE S1

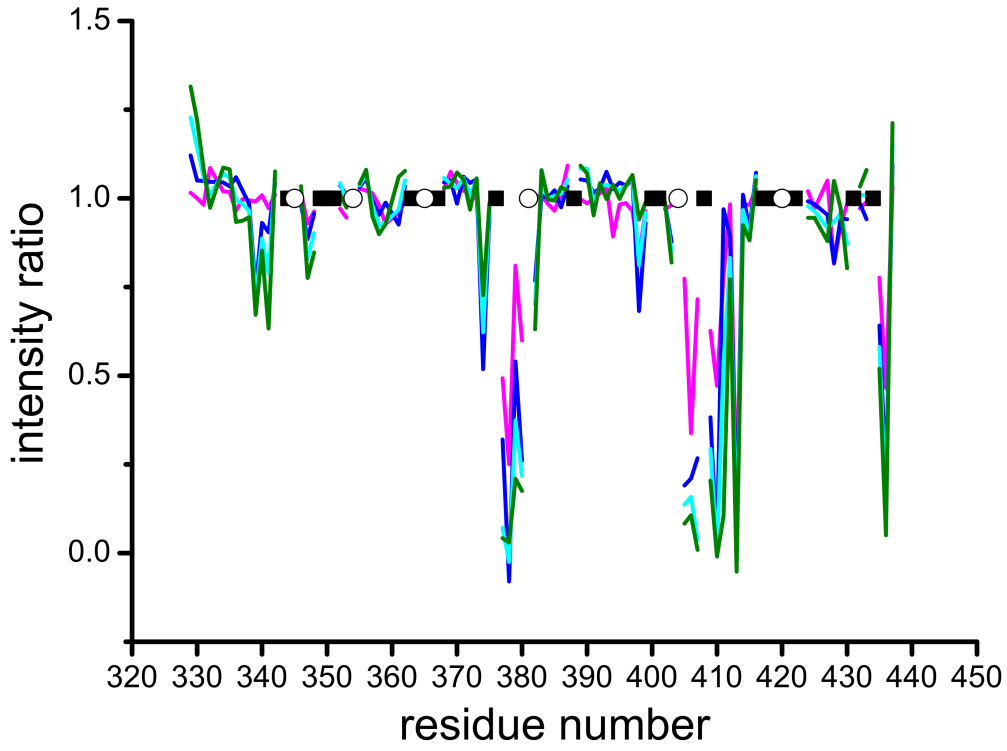

Figure S1. Effect of CD23 titration on Cε3 ^{1}H, ^{15}N-HSQC peak intensities. Increasing amounts of unlabelled derCD23 were added to a 200μM sample of ^{15}N-labelled Cε3 and changes in peak attenuation are plotted against residue number for four derCD23 titration points (magenta, 50μM derCD23; blue, 100μM derCD23; cyan, 150μM derCD23; green, 200 μM derCD23). For each residue, peak intensity is compared to the value for the unbound state (defined as 100%) and also corrected for dilution effects by normalizing intensities against three residues that are unaffected by addition of derCD23. In this plot, residues are also identified for which we cannot estimate changes in peak , either because the residue is not assigned (open circles) or where peak overlap or low peak intensity in the unbound state makes quantitative analysis of peak attenuation impossible (black squares).