Supplementary Figure 6. Antibodies against BDNF or midkine, but not control IgG antibodies, block the binding of BDNF or midkine to CS-E on the microarray. a, Quantitative analysis of the relative binding of BDNF to the CS-E tetrasaccharide in the presence of a rabbit anti-BDNF IgG antibody (red, left) or a rabbit IgG control antibody (black, right). Data were normalized with respect to the average fluorescence intensity for BDNF binding to 30 μM CS-E in the presence of the control antibody.

b, Quantitative analysis of the relative binding of BDNF to the CS-E tetrasaccharide in the presence of a chicken anti-BDNF IgY antibody (red, left), which has previously been shown to block endogenous neurotrophin function\(^1\),\(^2\), or a chicken IgY control antibody (black, right). Data were normalized with respect to the average fluorescence intensity for BDNF binding to 30 μM CS-E in the presence of the control antibody.

c, Quantitative analysis of the relative binding of midkine to the CS-E tetrasaccharide in the presence of a goat anti-midkine IgG antibody (red, left) or a goat IgG control antibody (black, right). Data were normalized with respect to the average fluorescence intensity for midkine binding to 15 μM CS-E in the presence of the control antibody.
