

1 **Supplementary Table S2.** Binding affinities of botensilimab and parental IgG1 α CTLA-4
 2 antibodies to human Fc γ RIIB, Fc γ RIIIA V158, and Fc γ RIIIA F158 proteins as determined by
 3 surface plasmon resonance (SPR).

Human α CTLA-4	Binding affinity K_D (M)			A/I Ratio	
	Fc γ RIIIA (F158)	Fc γ RIIIA (V158)	Fc γ RIIB	Fc γ RIIIA (F158)/Fc γ RIIB	Fc γ RIIIA (V158)/Fc γ RIIB
Botensilimab	2.68×10^{-9}	2.55×10^{-9}	3.12×10^{-6}	1164	1224
Parental IgG1	6.65×10^{-8}	3.12×10^{-8}	9.48×10^{-6}	143	303

4 Equilibrium dissociation constant (KD) values were calculated from the kinetic rate constants (ka
 5 and kd) obtained from the sensorgrams. The activating to inhibitory (A/I) ratio, defined as the ratio
 6 of binding affinity of an IgG subtype to activating Fc γ RIIIA relative to the inhibitory Fc γ RIIB, is
 7 presented for each antibody.