

- 1 **Supplementary Table S1.** Binding affinities of mouse α CTLA-4 antibodies to mouse Fc γ RIIB and
 2 Fc γ RIV proteins as determined by surface plasmon resonance (SPR).

Mouse α CTLA-4	Binding affinity K_D (M)		A/I Ratio
	Fc γ RIV	Fc γ RIIB	Fc γ RIV/Fc γ RIIB
IgG2a	4.01×10^{-9}	7.23×10^{-6}	1805
IgG2b ^{DLE}	9.90×10^{-10}	3.27×10^{-6}	3304
IgG2b	6.43×10^{-8}	1.50×10^{-5}	233

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