

Figures

Figure 1

LC:

	CDR1		CDR2
DVVMTQTPLTSLVTIGQPASISC	KSSQSLLYSDGKTYLN	WLLQRPQGSPMRLIY	LVSKLDS
SGSGTDFTLKISRVEAEDLGVYFC	VQGTHFPET	FGSGTKLEIKR	
	CDR3		

HC:

	CDR1		CDR2
EVQLQQSGPELVKPGASMKISCKAS	SYSTGYTMN	WVKQSHGKNLEWIG	LINPYNGVTRYNQKFKG
KATLIVDKSSSTAYMELLSLTSEDSAVYYCTR	EAKREWDETY	WGQ	
	CDR3		

Figure 2

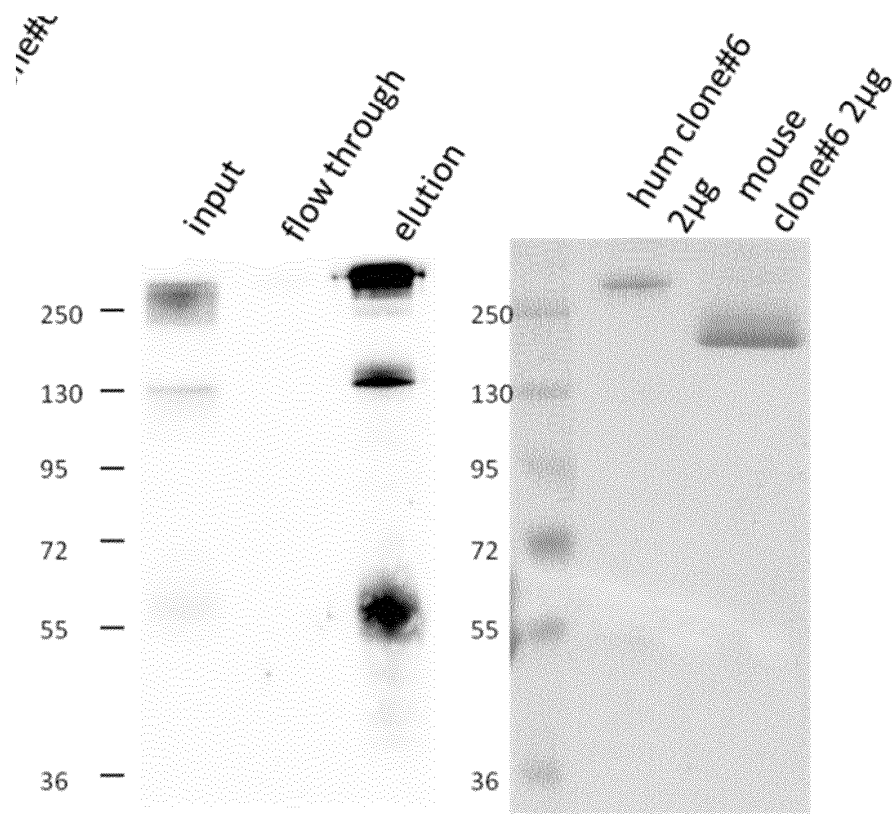


Figure 3

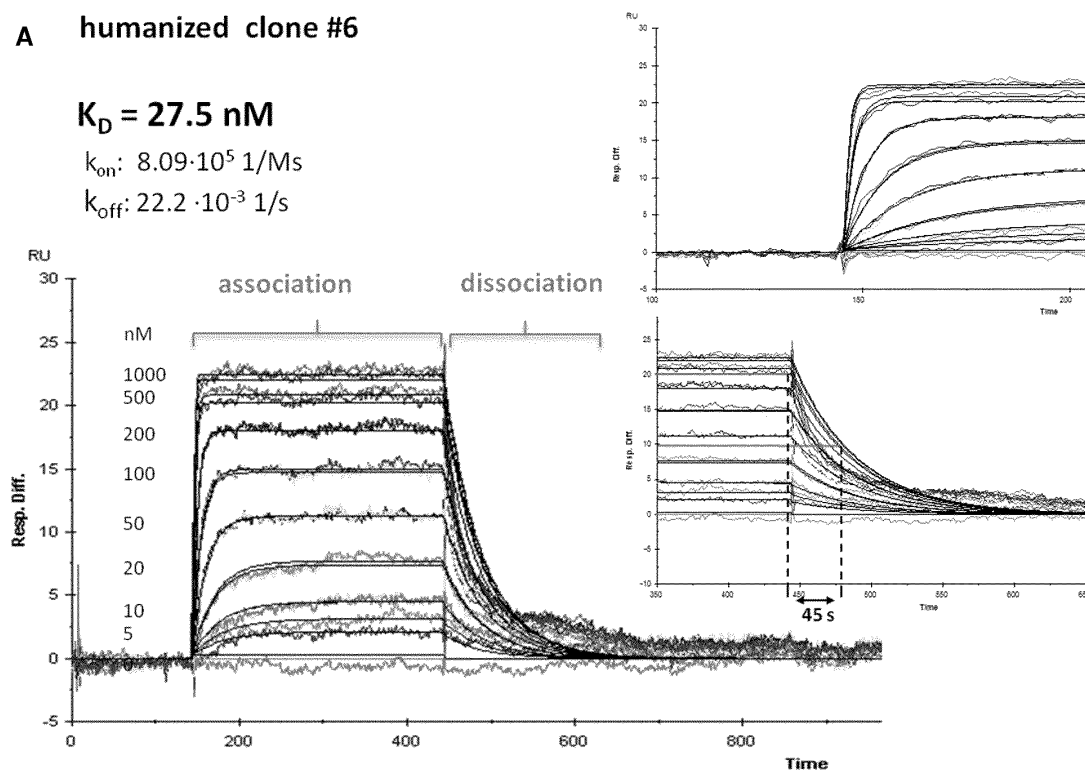
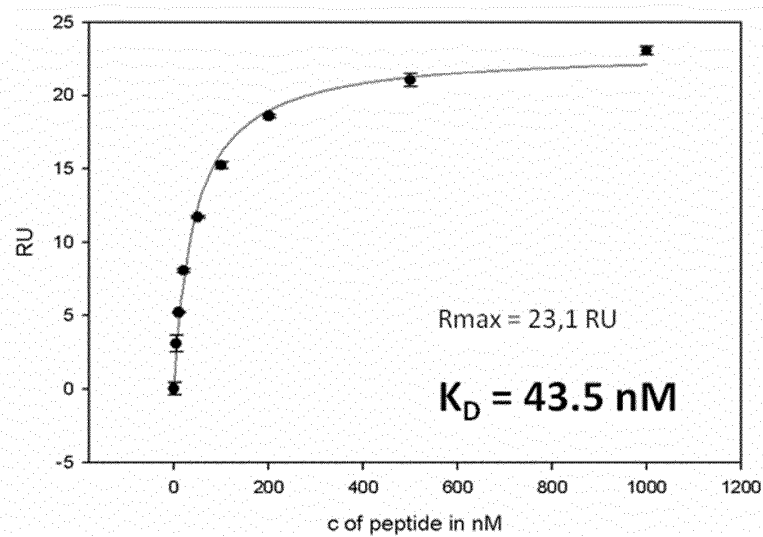
A humanized clone #6 **$K_D = 27.5$ nM** $k_{on}: 8.09 \cdot 10^5$ 1/Ms $k_{off}: 22.2 \cdot 10^{-3}$ 1/s**B**

Figure 4

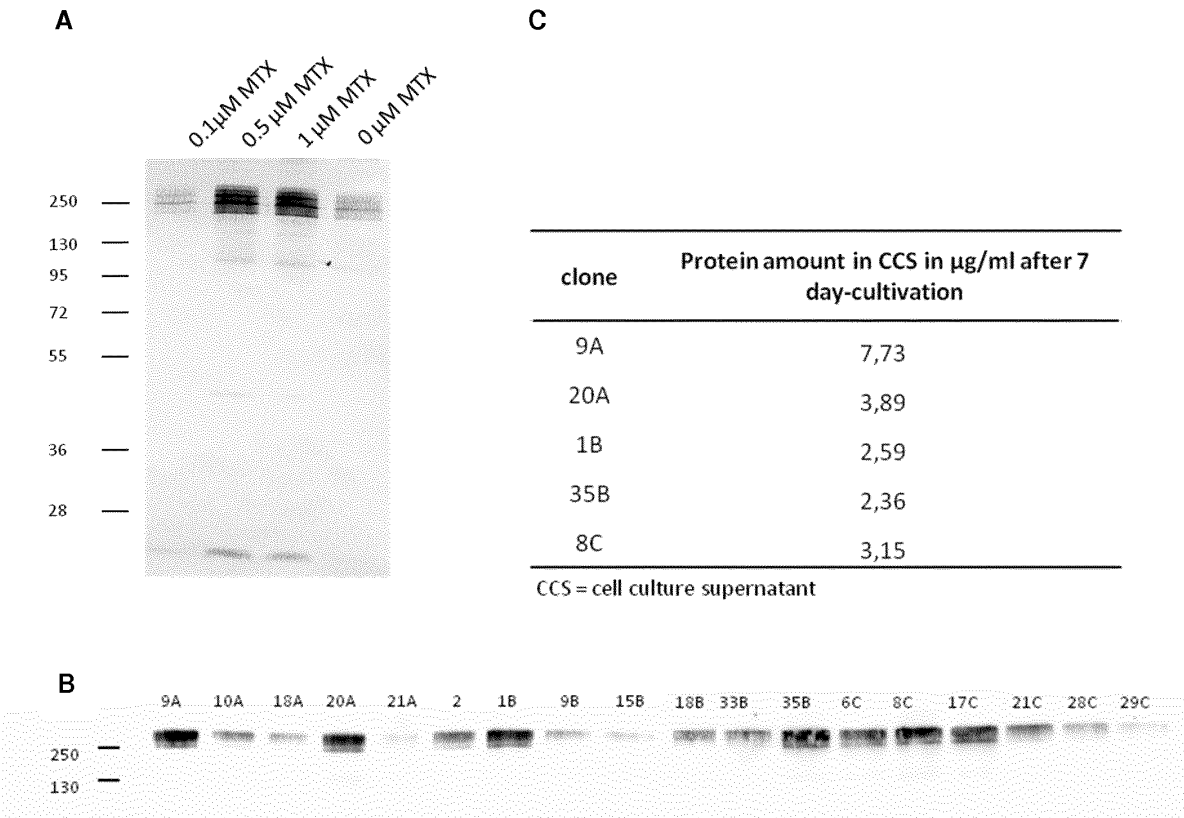
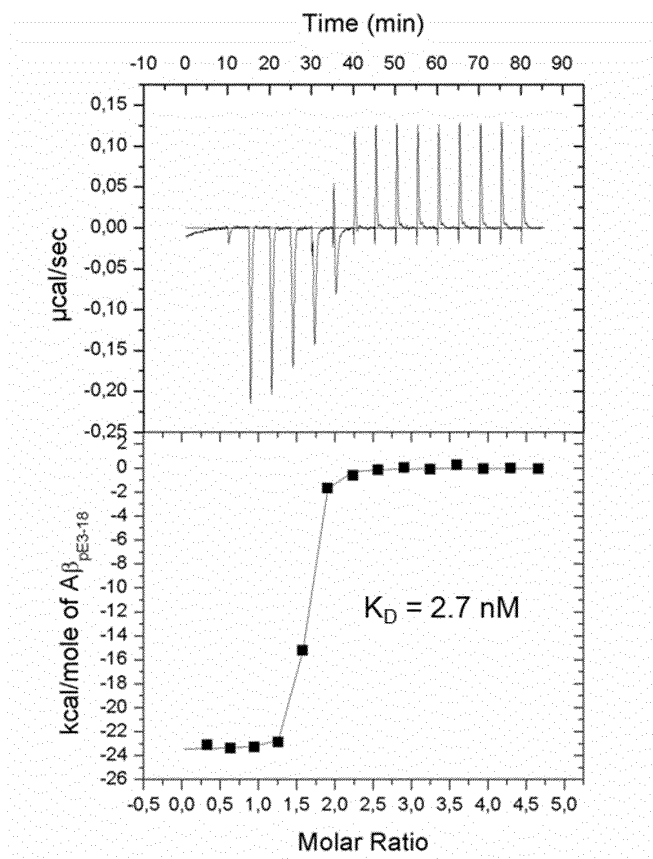


Figure 5



$$N = 1.49$$

$$\Delta G = -11.48 \frac{\text{kcal}}{\text{mol}}$$

$$\Delta H = -23.45 \pm 0.096 \frac{\text{kcal}}{\text{mol}}$$

$$T\Delta S = -11.96 \frac{\text{kcal}}{\text{mol}}$$

$$T = 293.15 \text{ K}$$

Figure 6

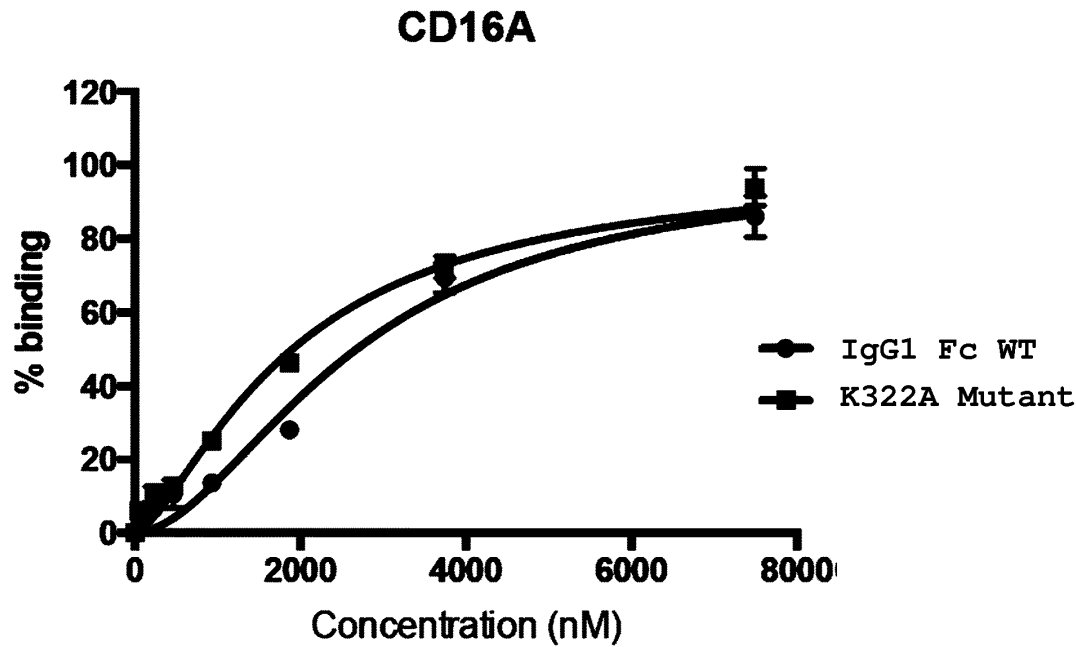


Figure 7

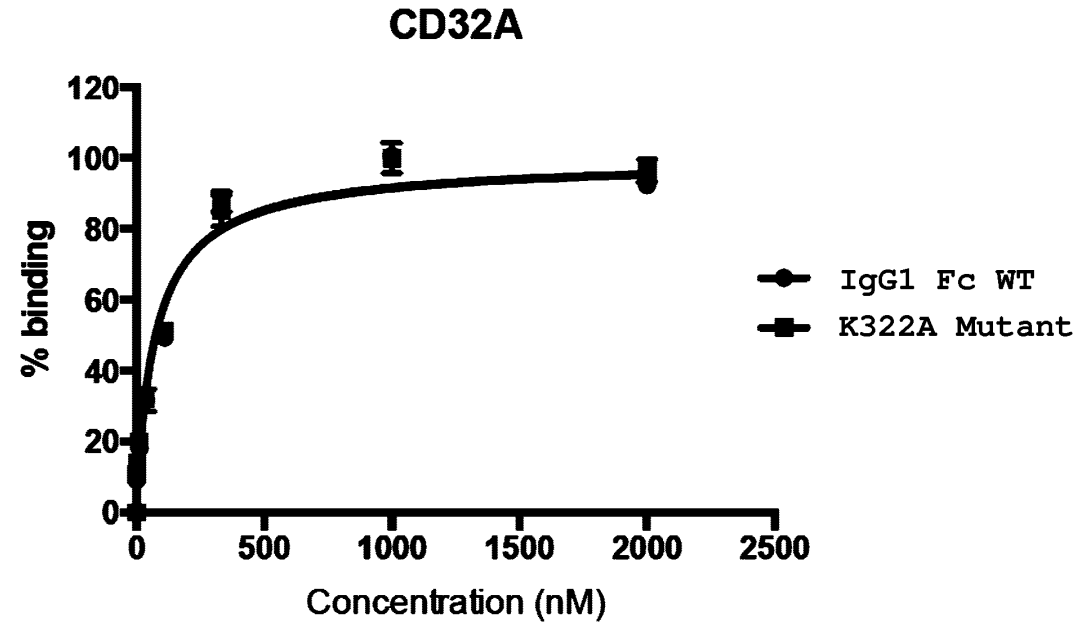


Figure 8

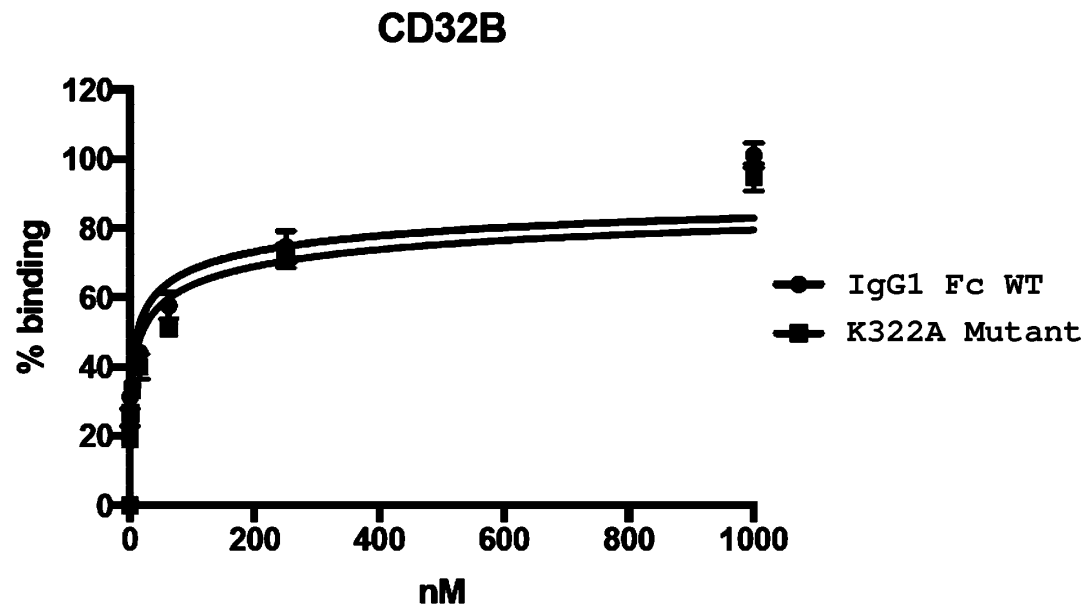


Figure 9

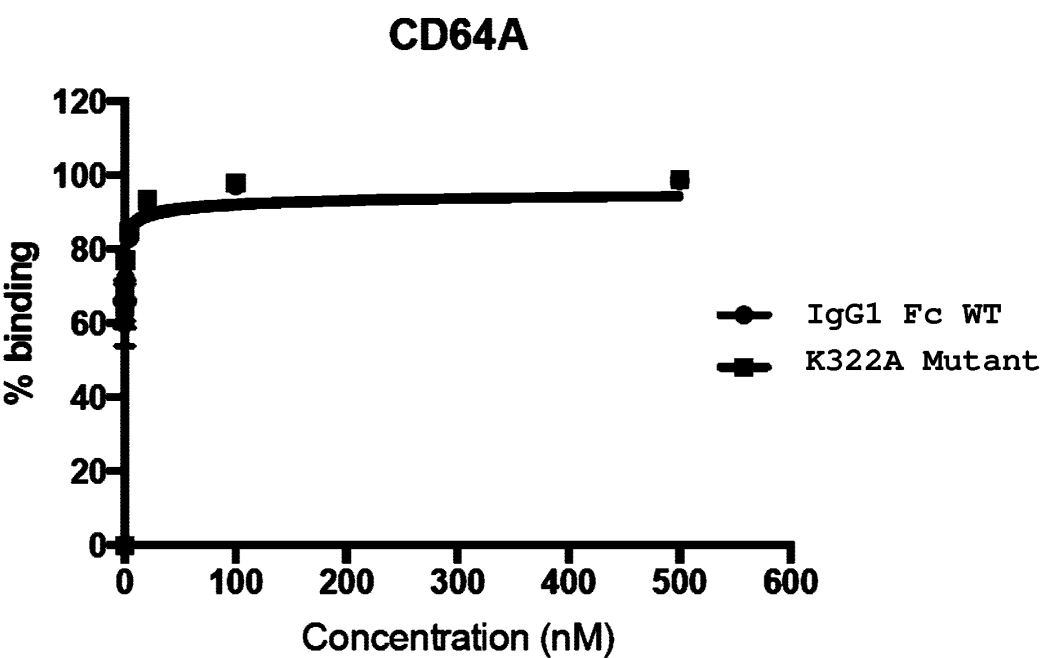


Figure 10

