

Figures

Figure 1

LC:

CDR1 CDR2

DVVM TQTPL T LSV TIGQPASIS C KSSQSLLYSDGKTYLN WLLQRP GQSPMRLIY LVSKLDS GVPDRFTG

SGSGTDFTLKISRVEAEDLG VYYC VQGT HEPFT FGSGTKLEIKR

CDR3

HC:

CDR1 CDR2

EVQLQQSGPELVKPGASMKISCKAS SYSTGYTMN WVKQSHGKNLEWIG LINPYNGVTRYNQKFKG

KATLIVDKSSSTAYMELLSLTSEDSAVYYCTR EAKREWDETY WGQ

CDR3

Figure 2

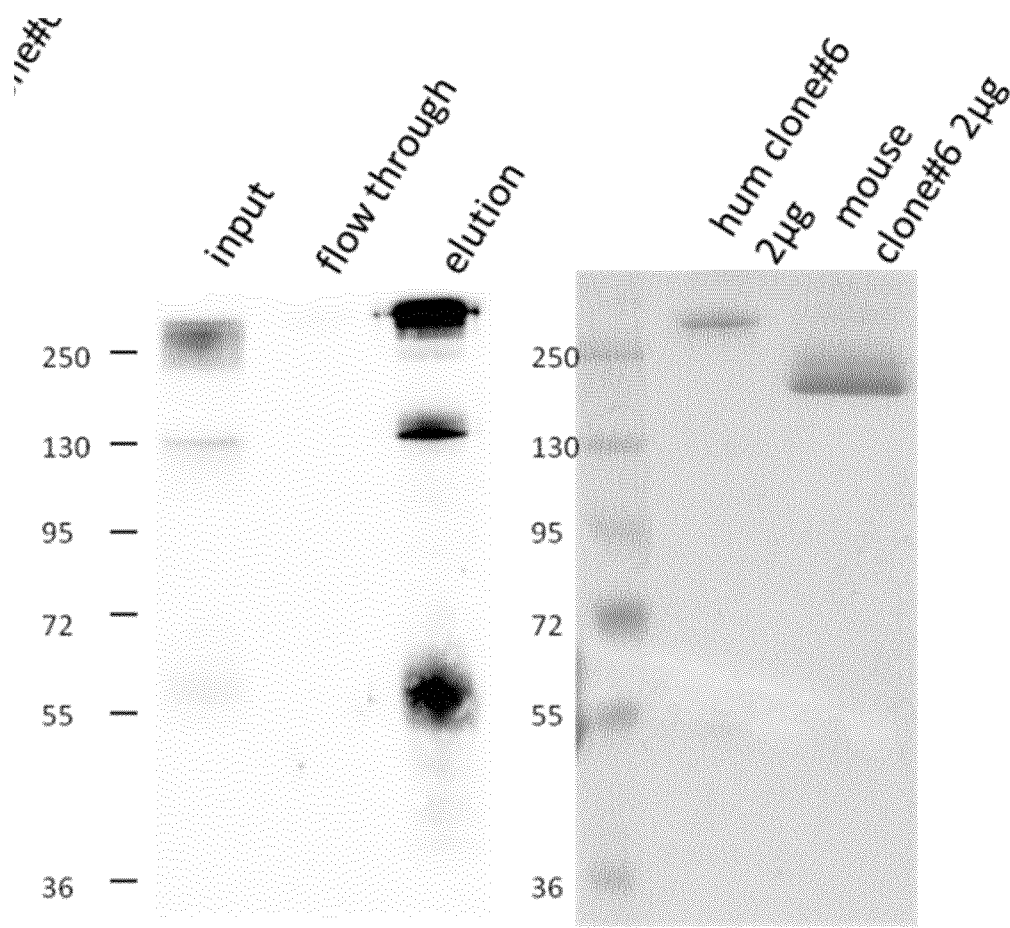


Figure 3

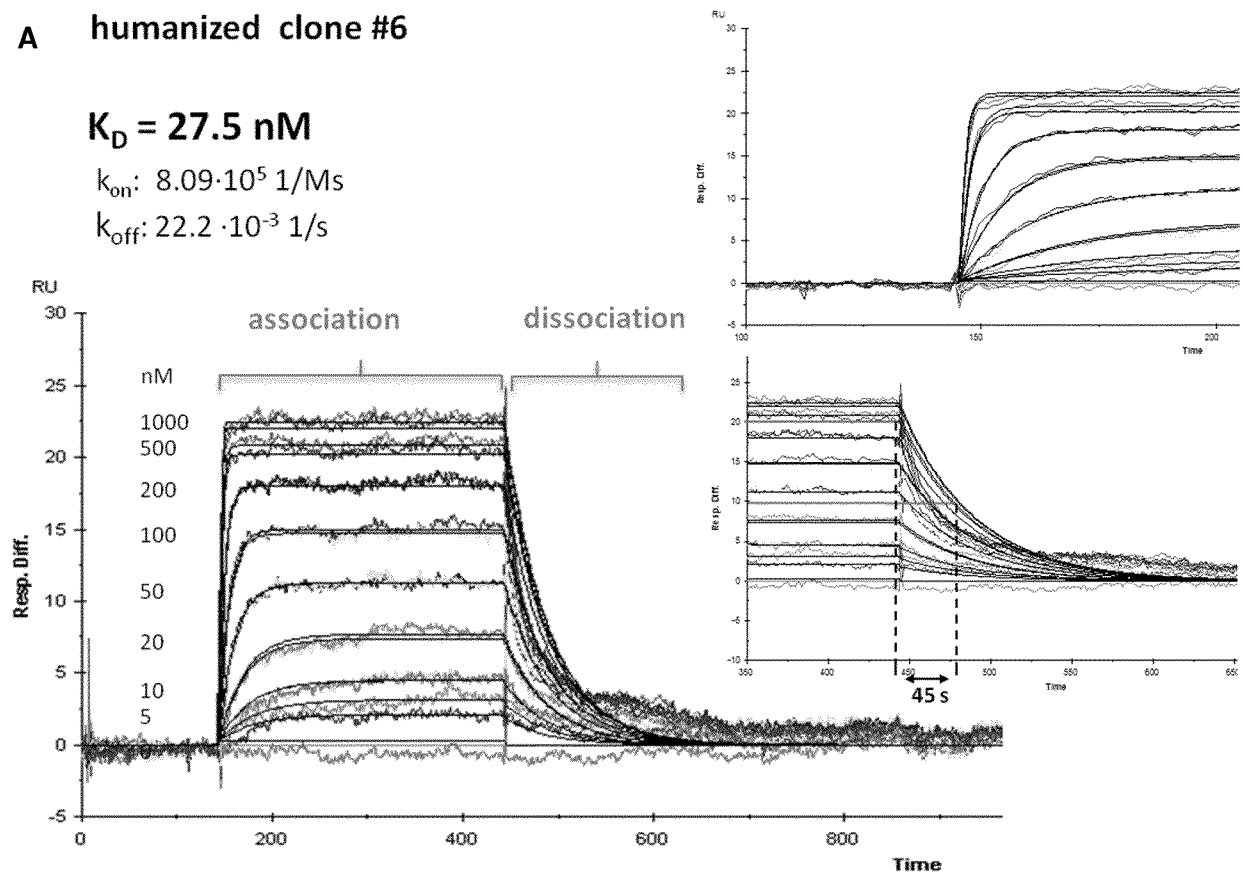
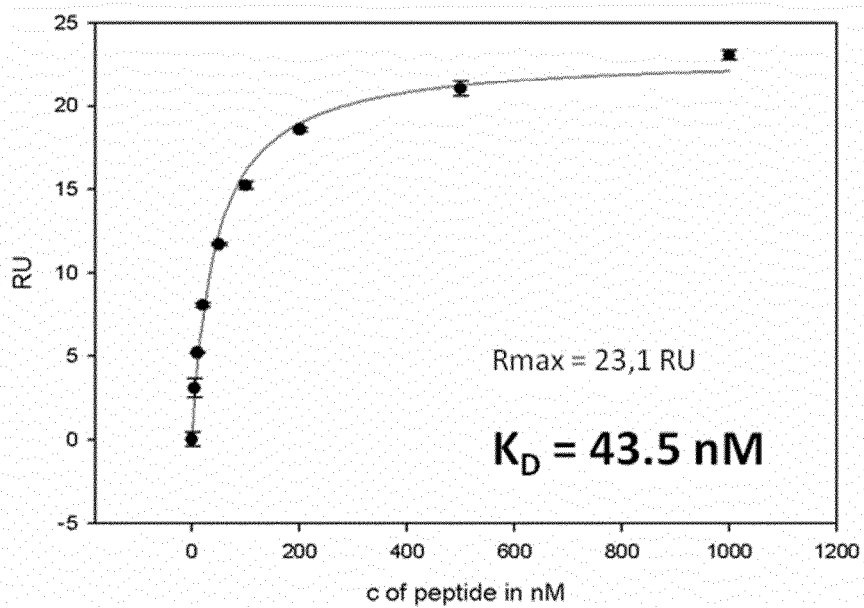
A humanized clone #6 **$K_D = 27.5$ nM** $k_{on}: 8.09 \cdot 10^5$ 1/Ms $k_{off}: 22.2 \cdot 10^{-3}$ 1/s**B**

Figure 4

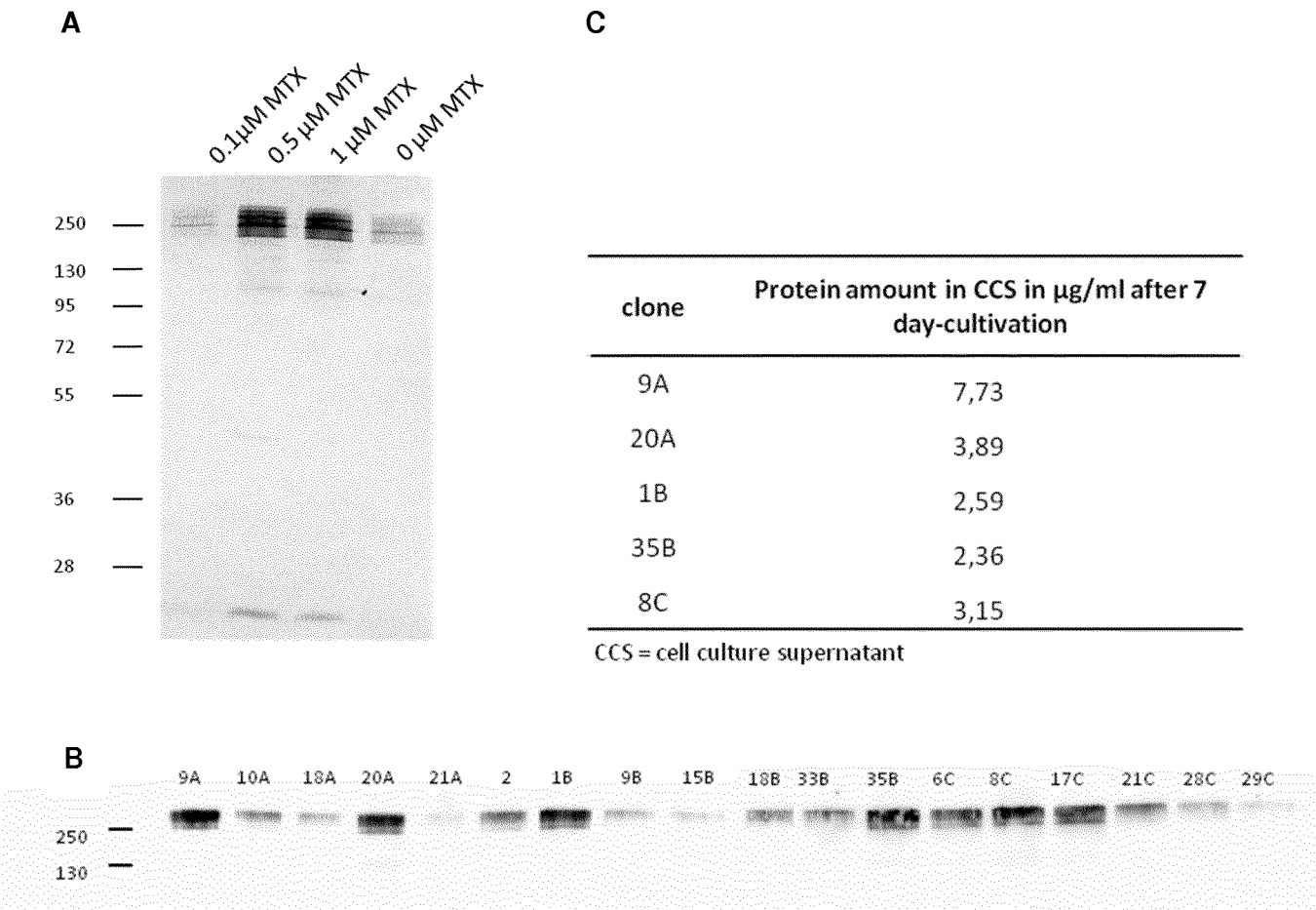
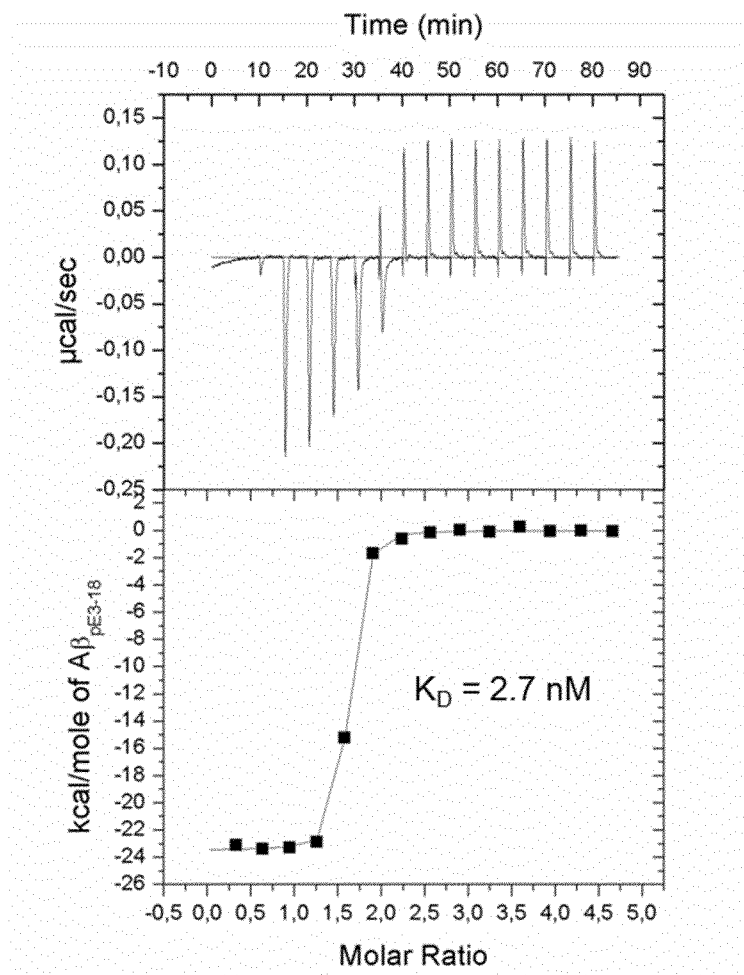


Figure 5



$$N = 1.49$$

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

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

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

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

Figure 6

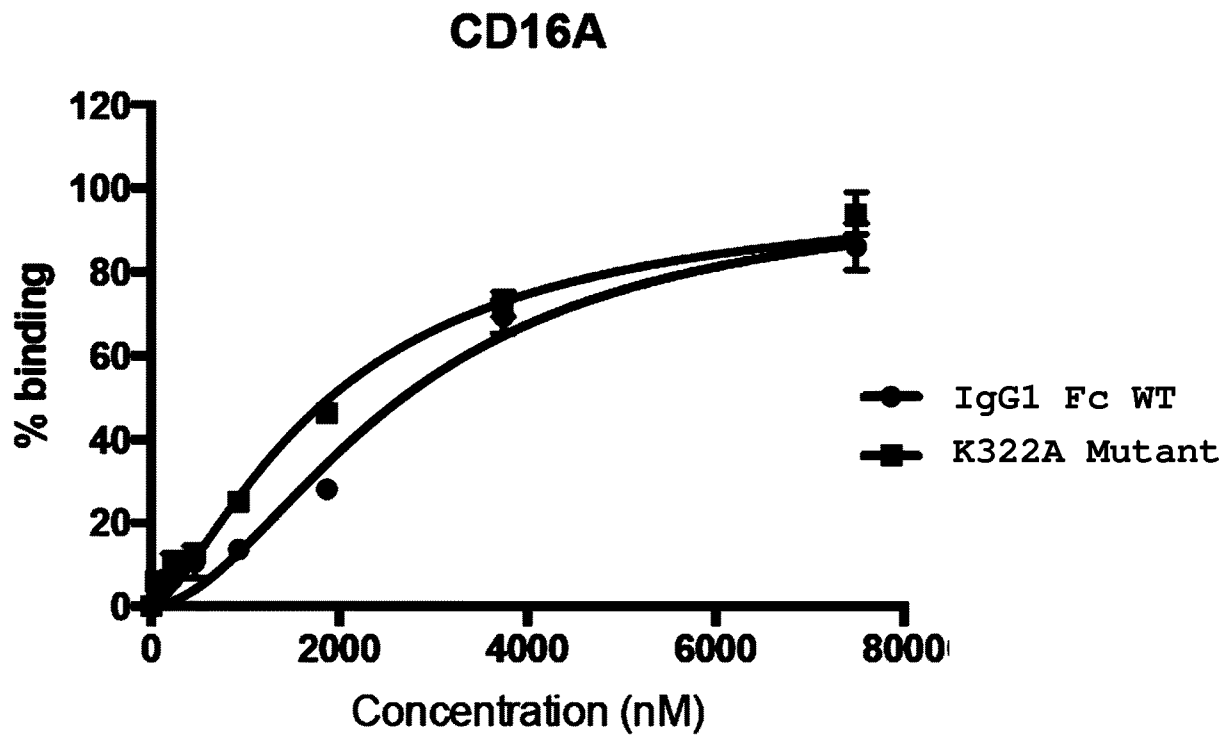


Figure 7

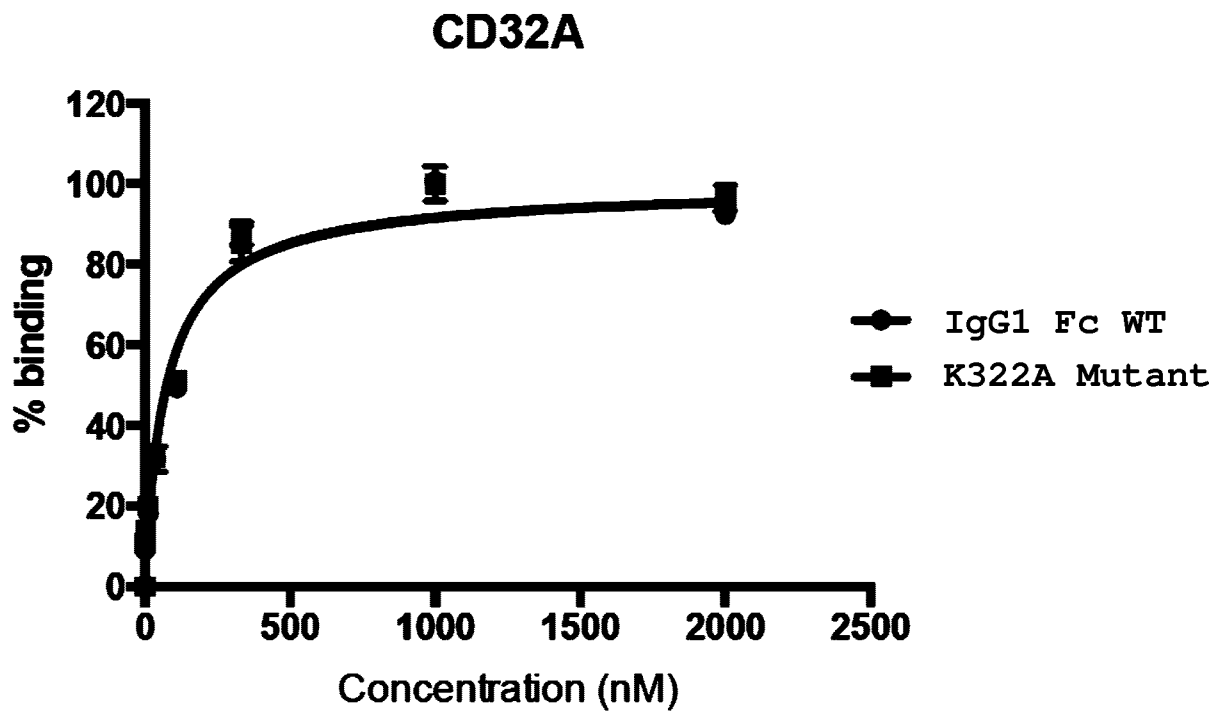


Figure 8

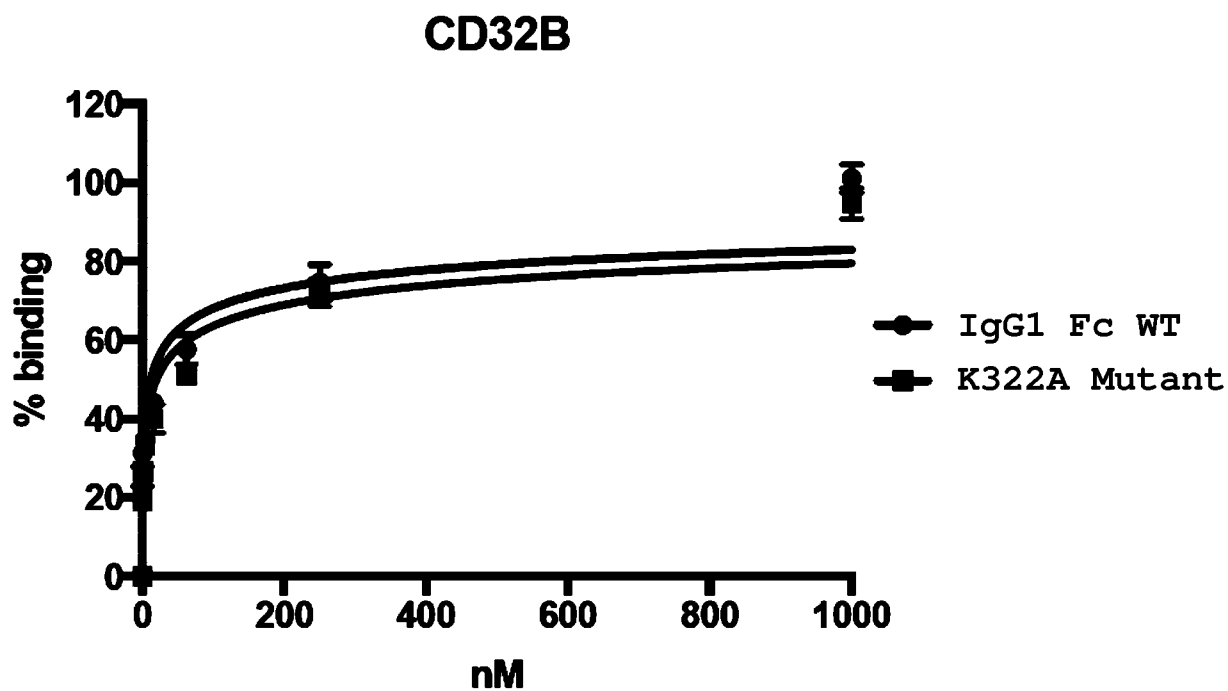


Figure 9

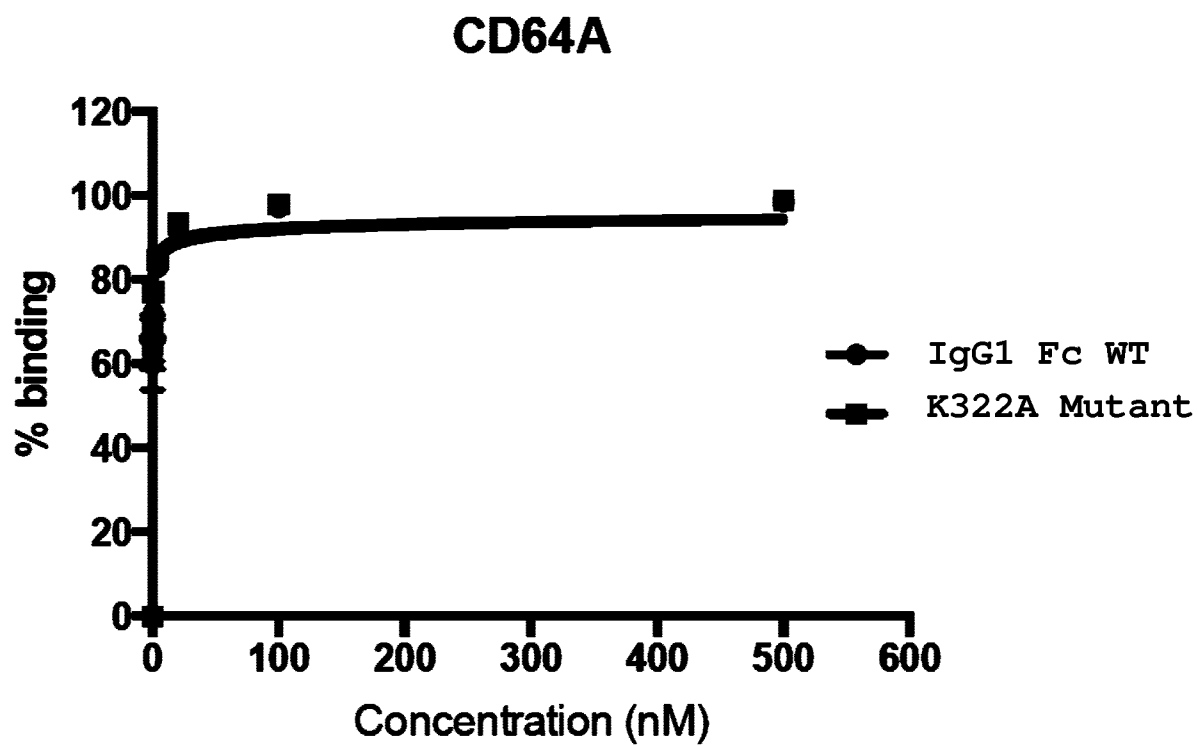


Figure 10

