

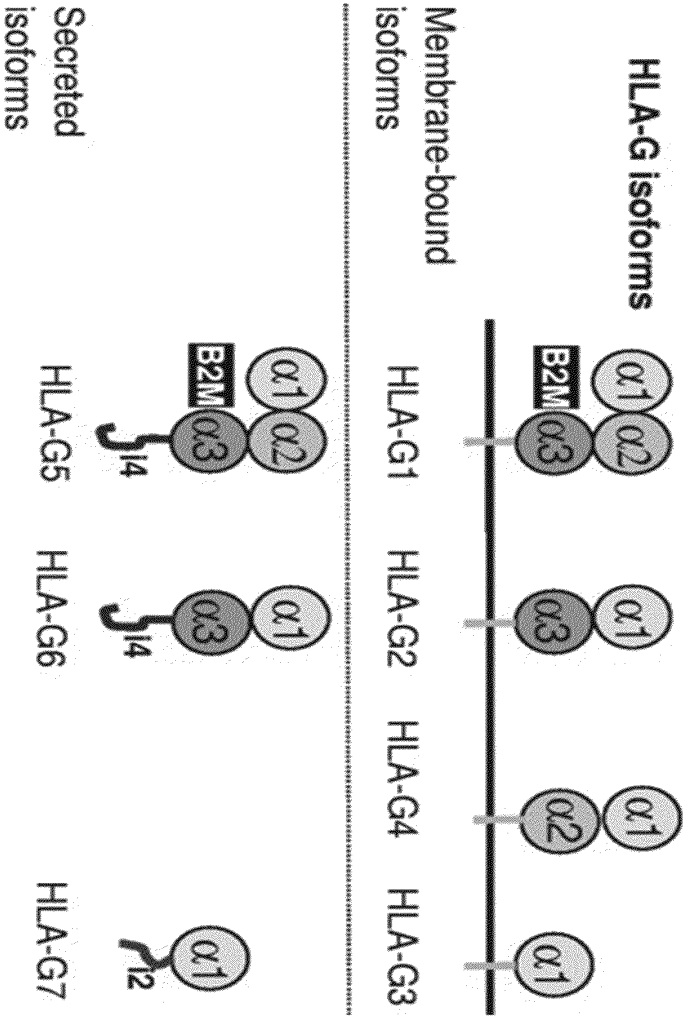
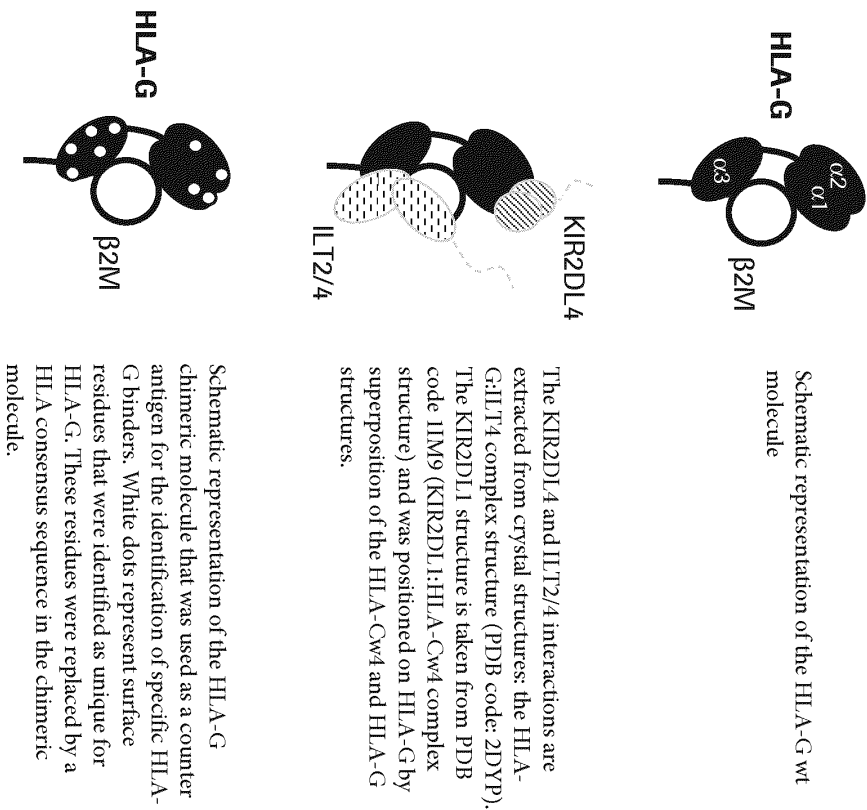


Fig. 1

Fig. 2A



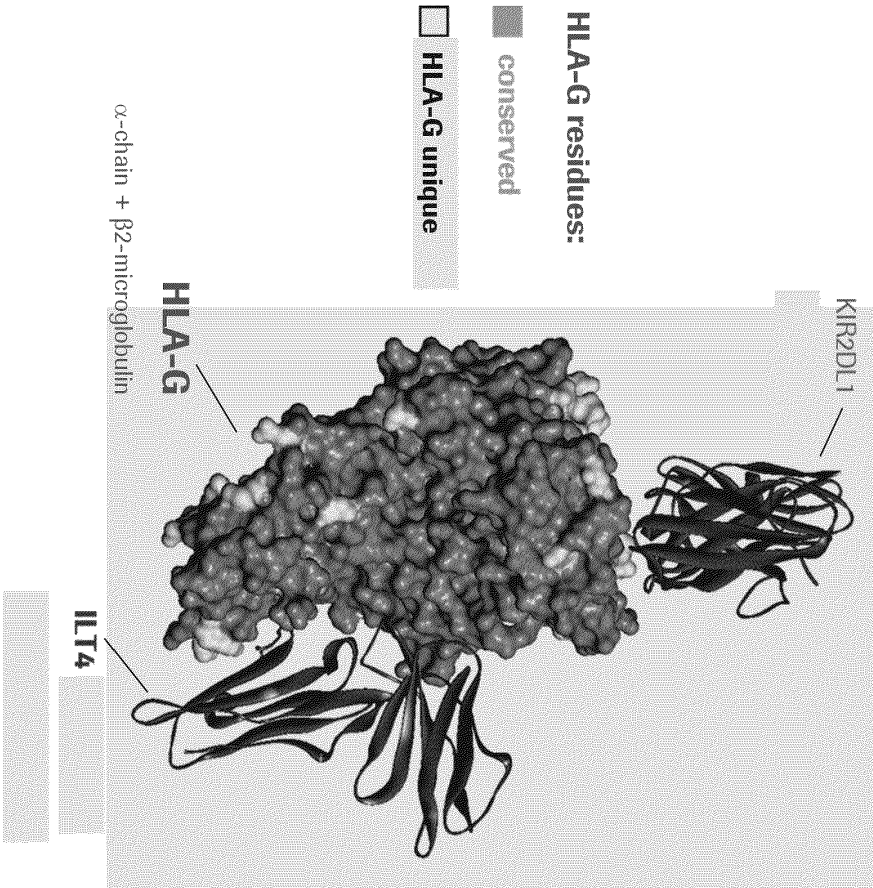
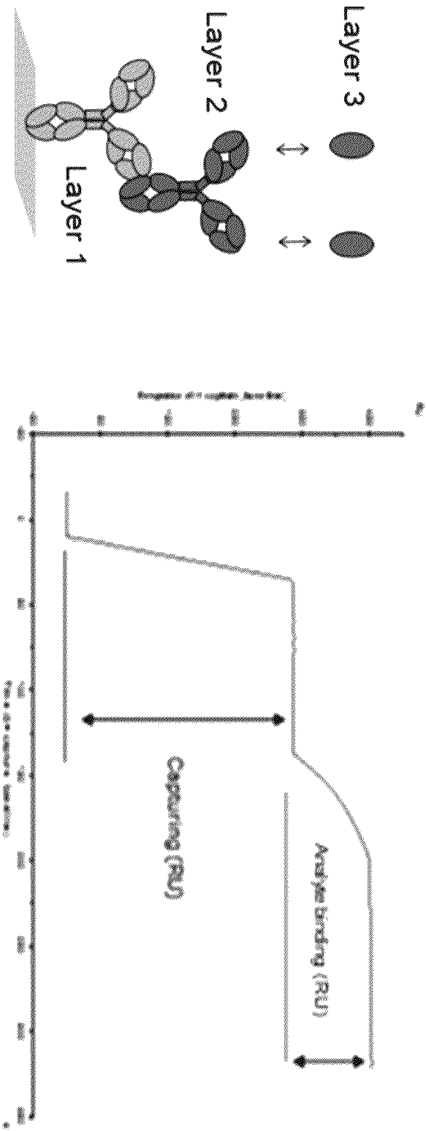


Fig. 2B

Fig. 3



$$\text{Binding Ratio} = \frac{\text{Layer 3 binding (RU)}}{\text{Layer 2 binding (RU)}}$$

$$\text{RAC} = \frac{\text{Binding Ratio Sample}}{\text{Binding Ratio Reference}} \times 100 [\%]$$

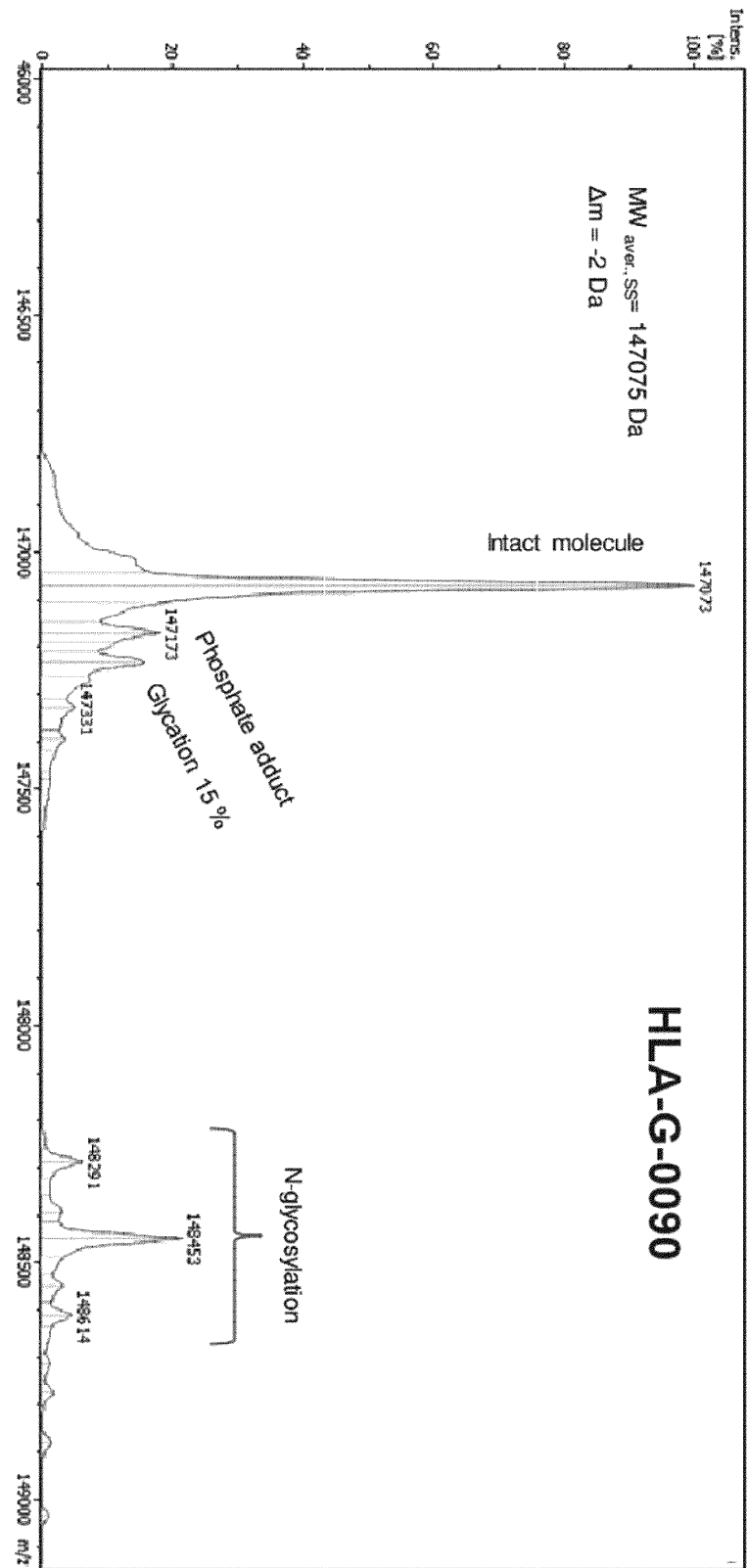


Fig. 4A

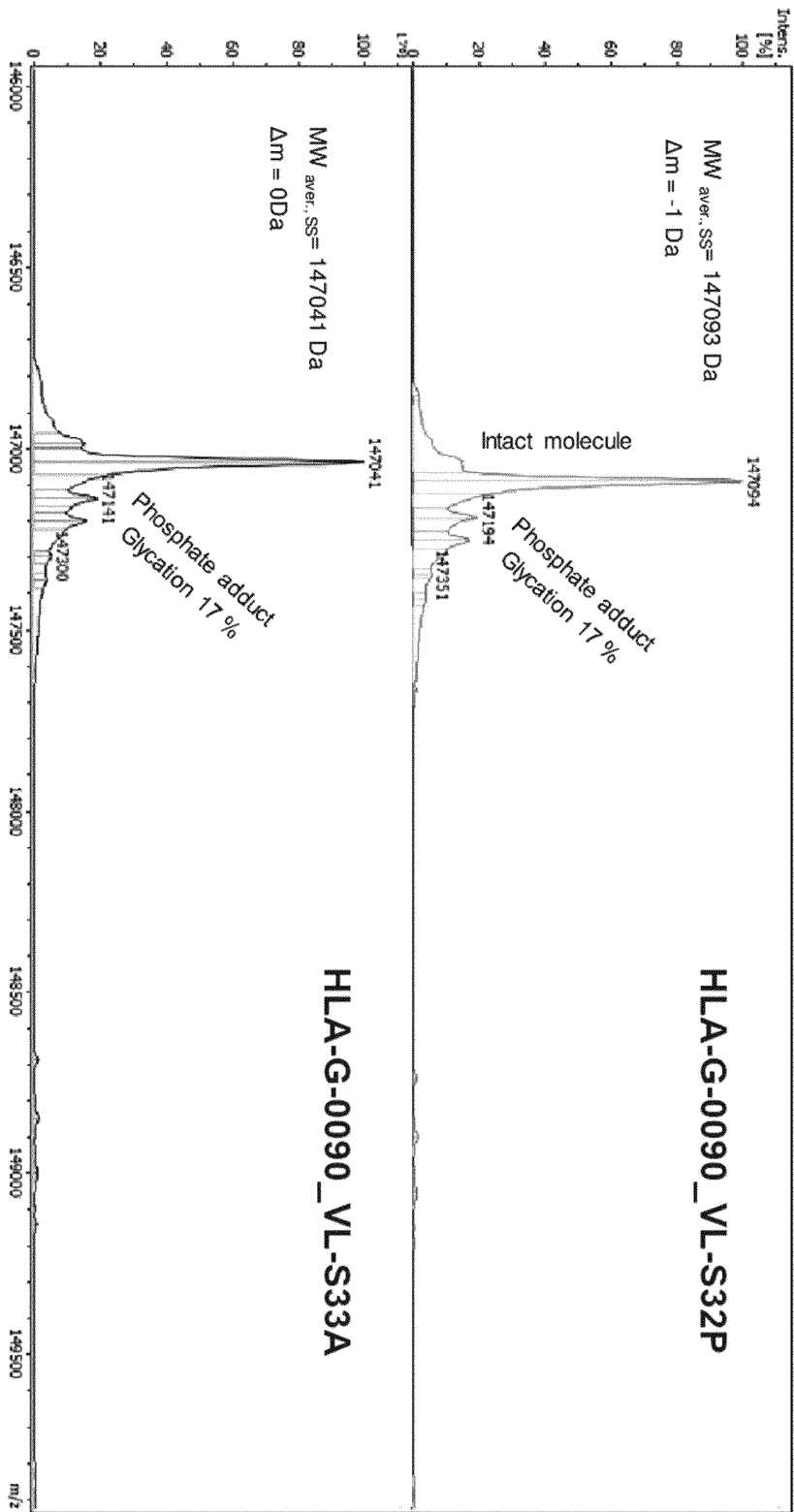
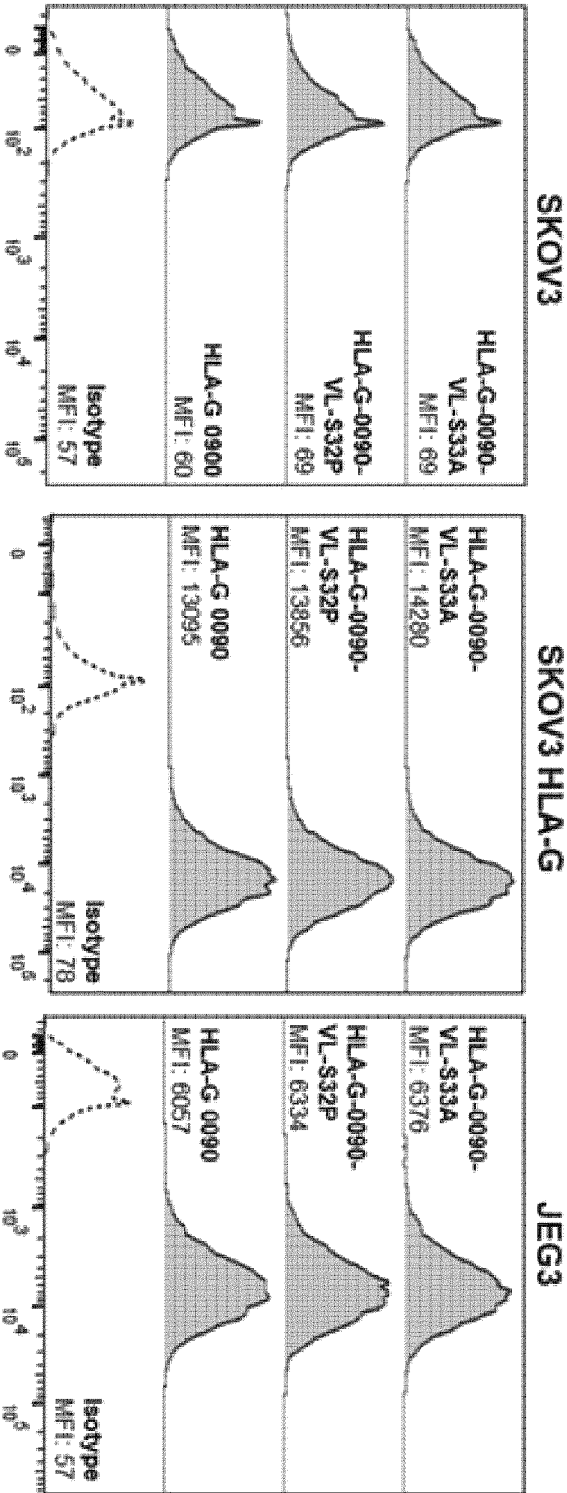


Fig. 4B

Fig. 5



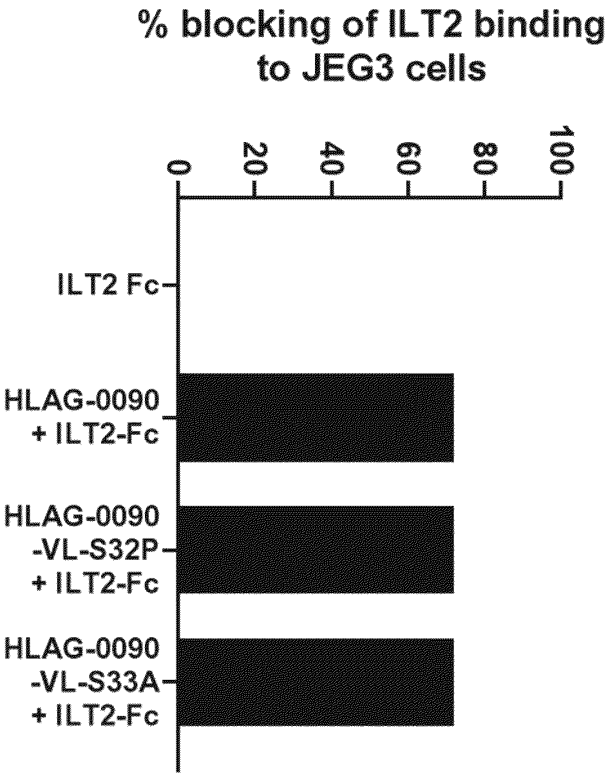
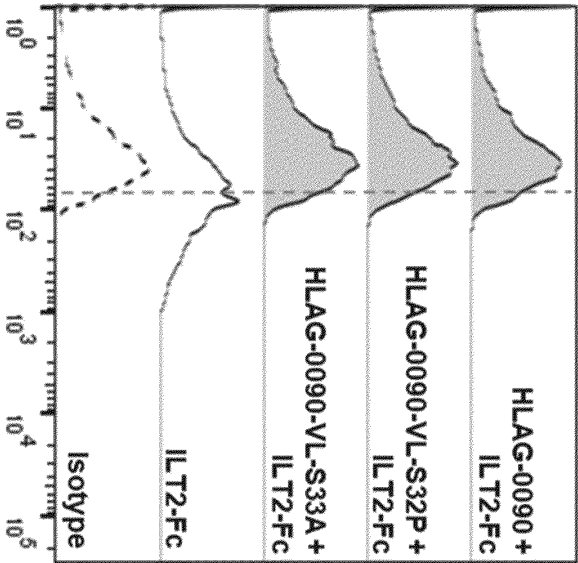


Fig. 6

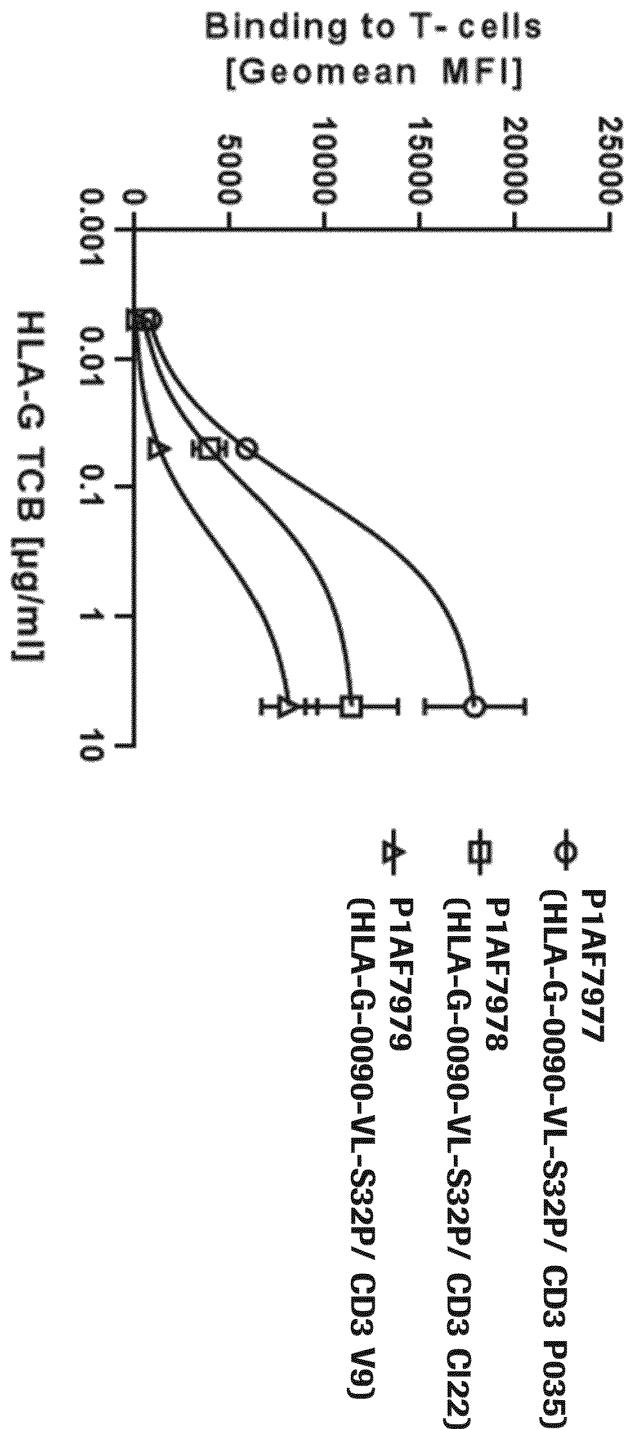


Fig. 7

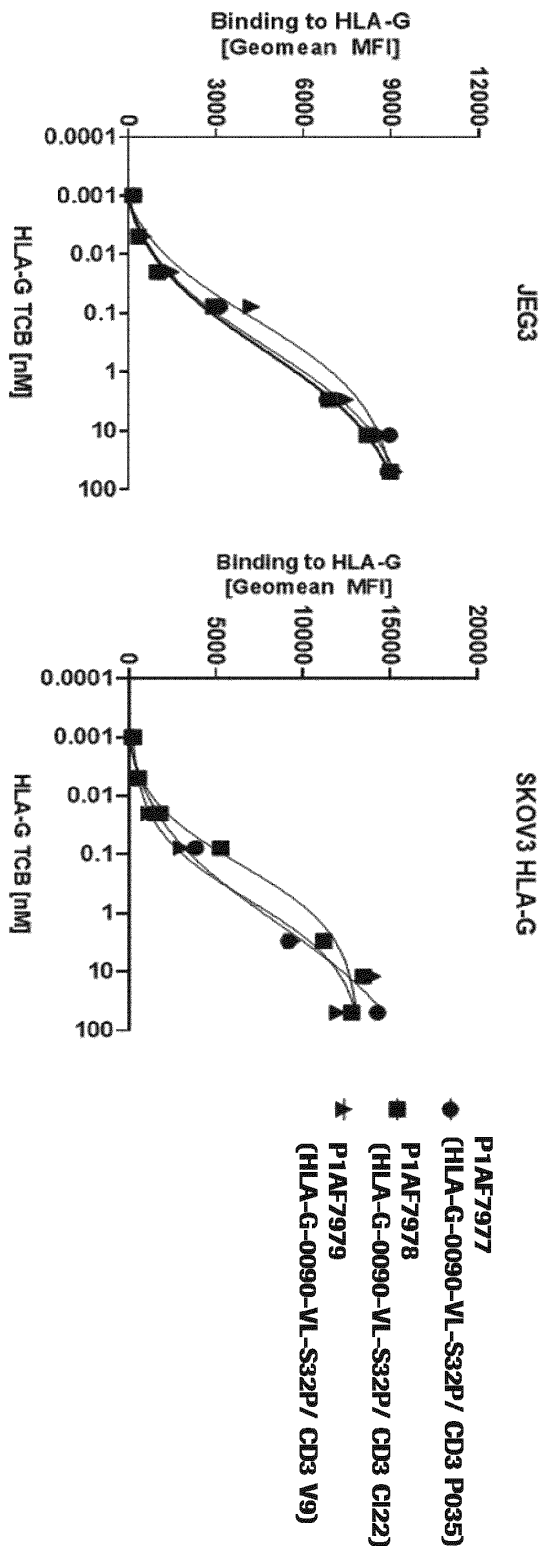


Fig. 8

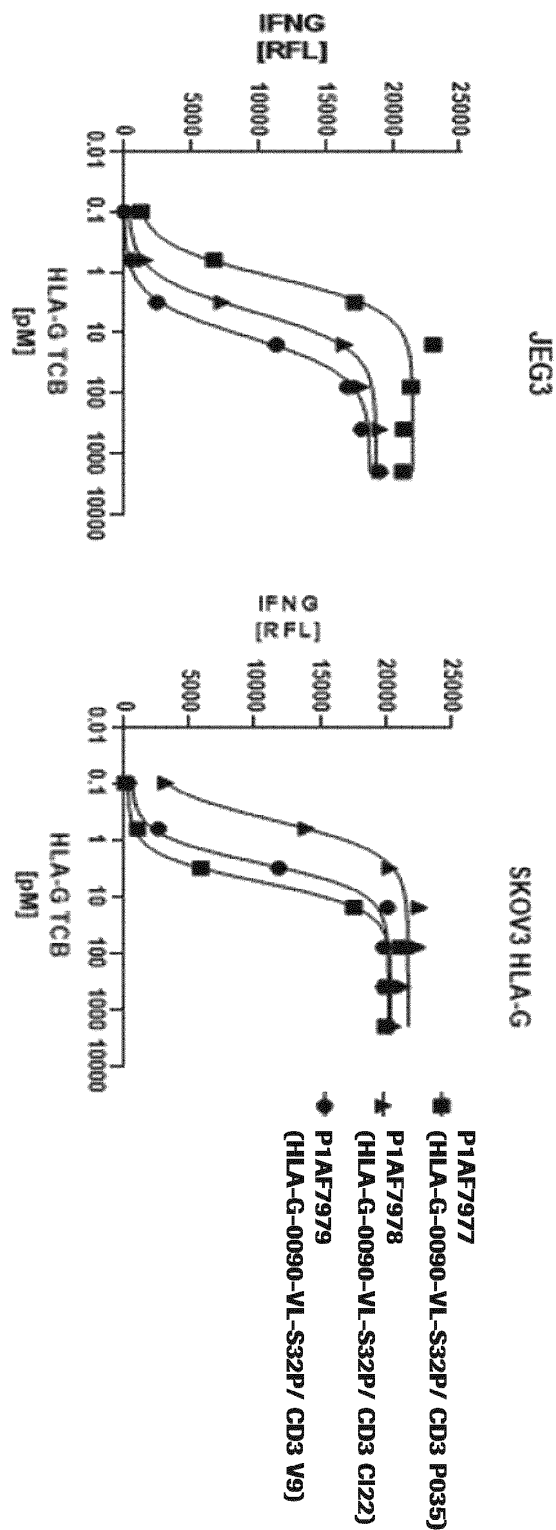


Fig. 9

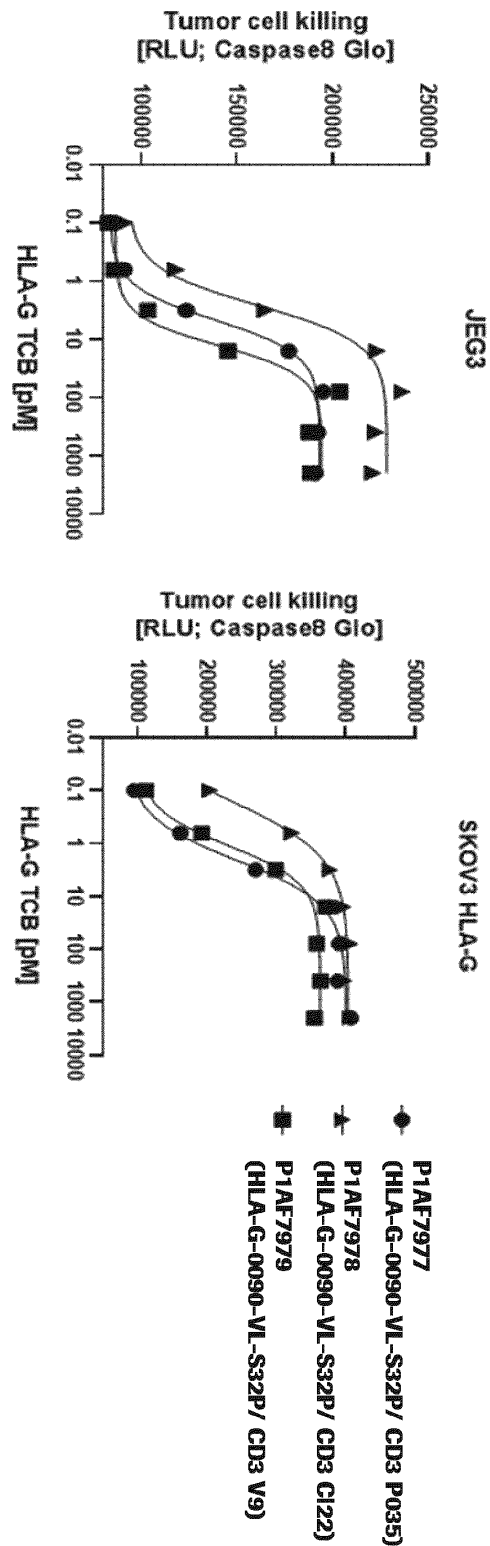


Fig. 10

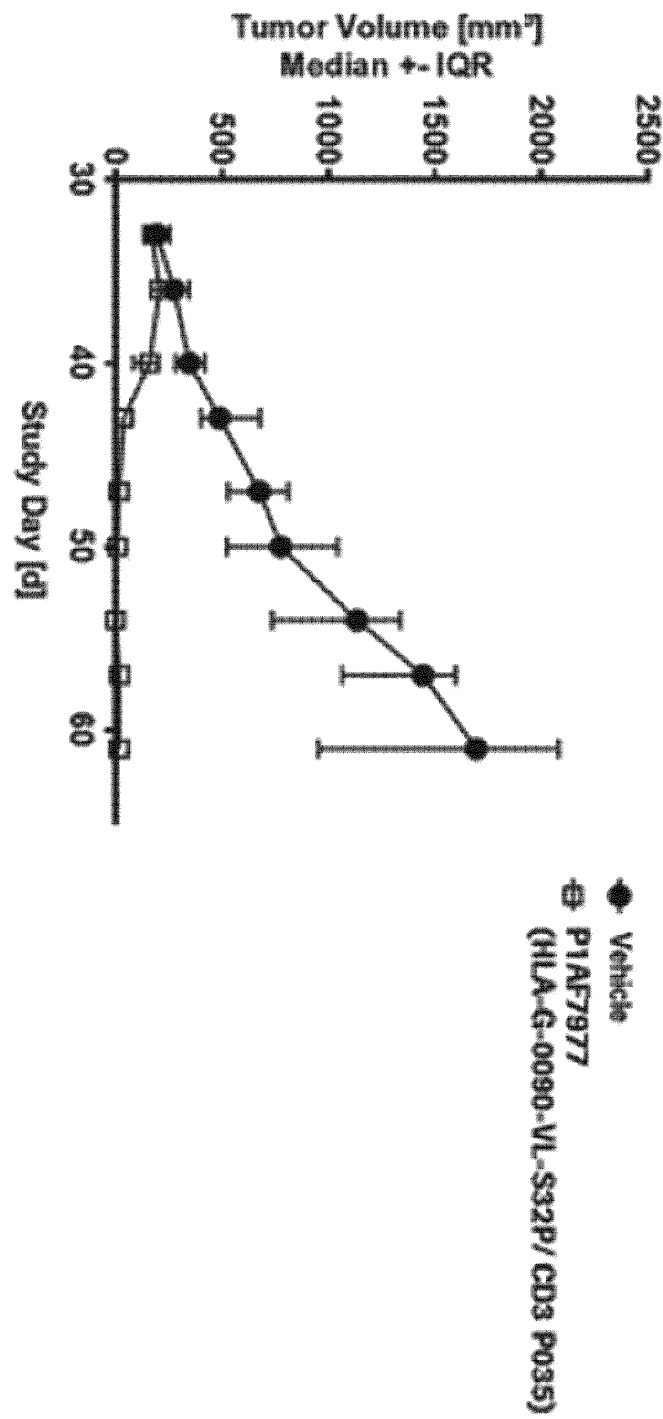


Fig. 11

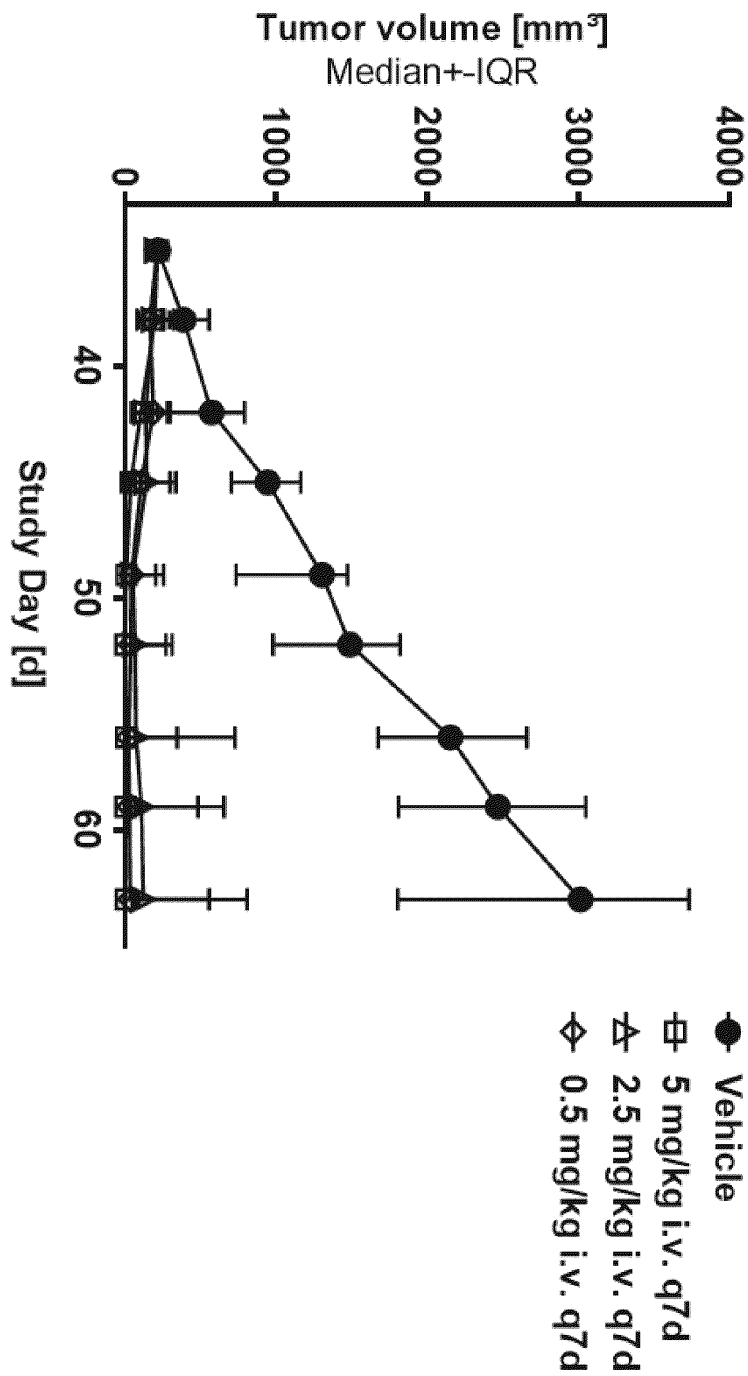


Fig. 12

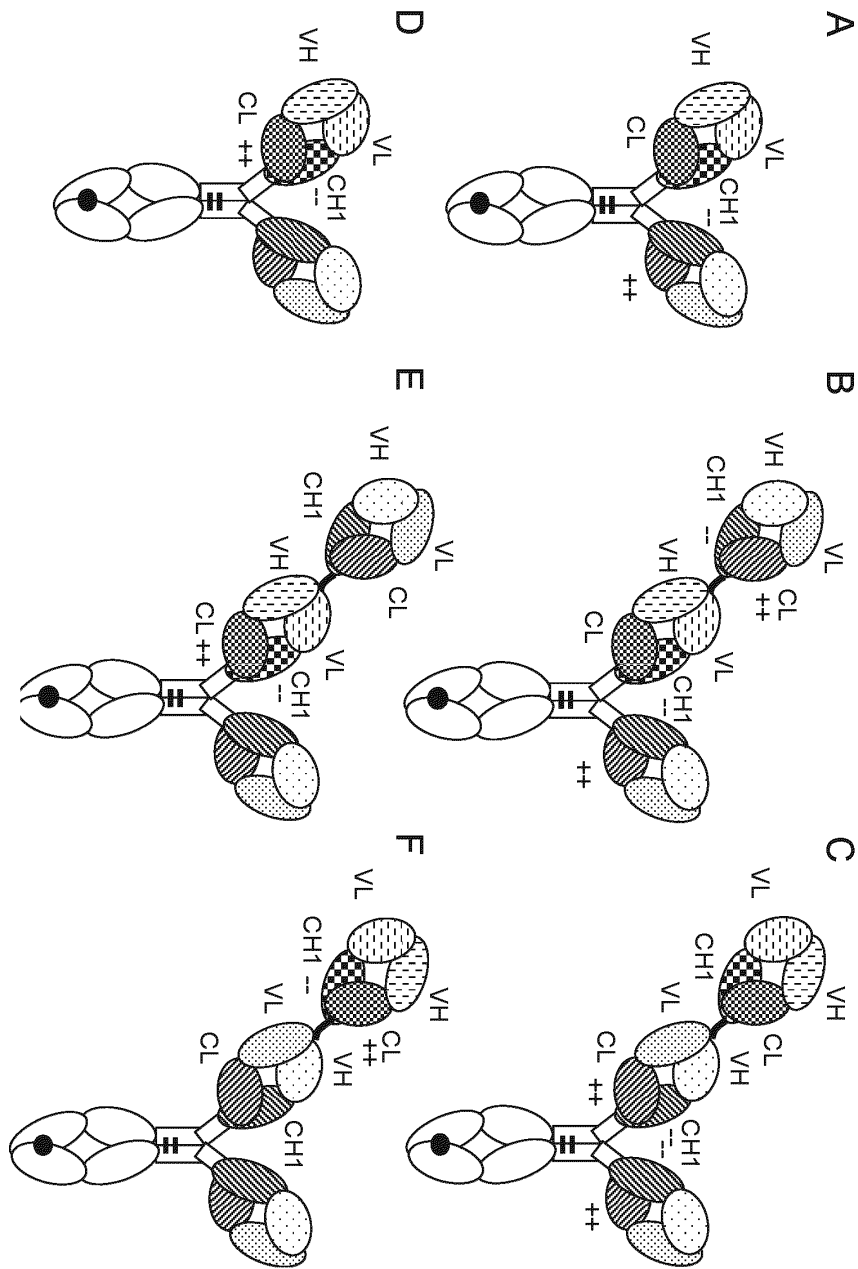


Fig. 13

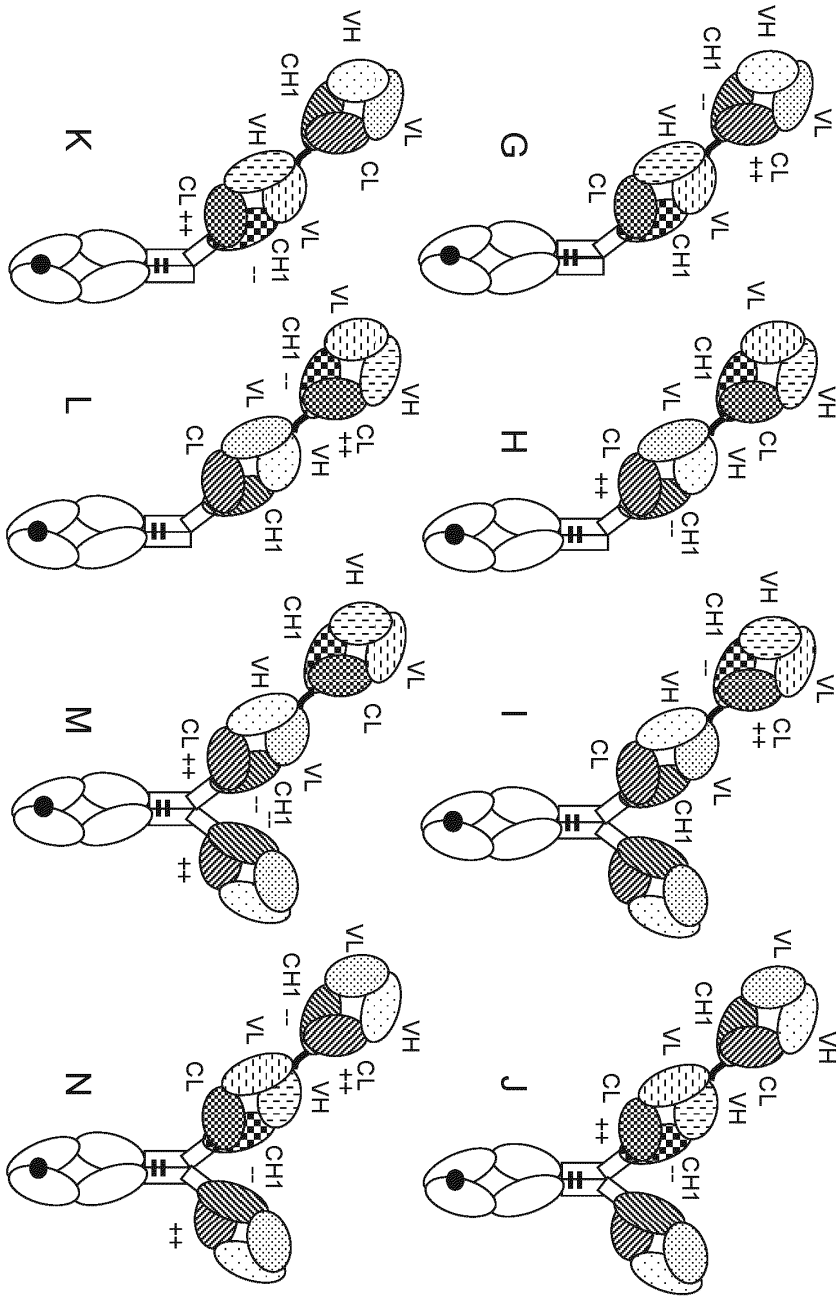


Fig. 13

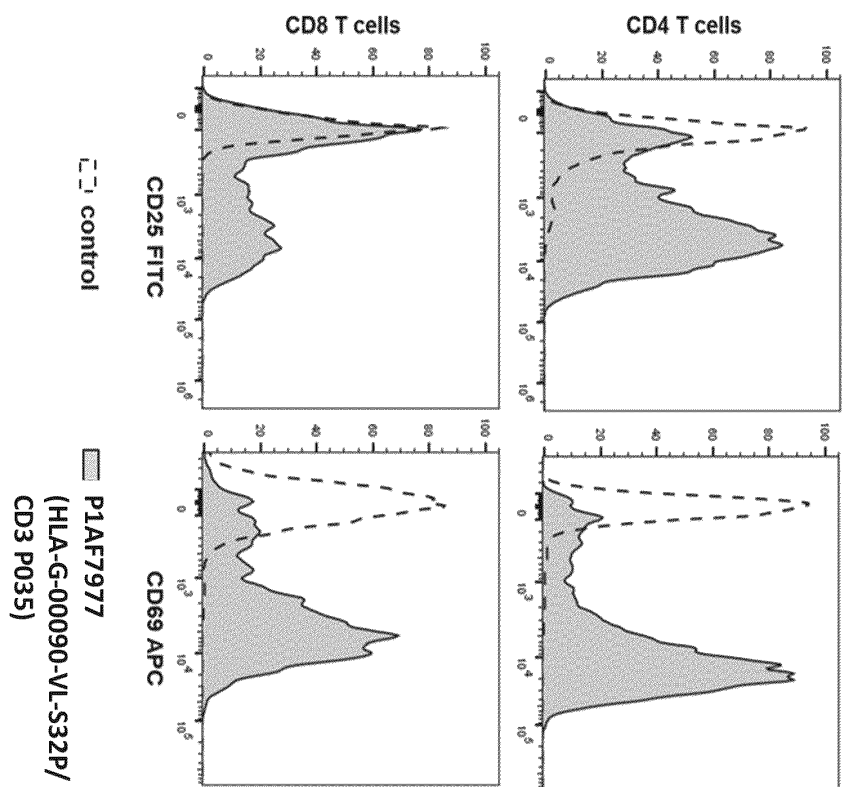


Fig. 14

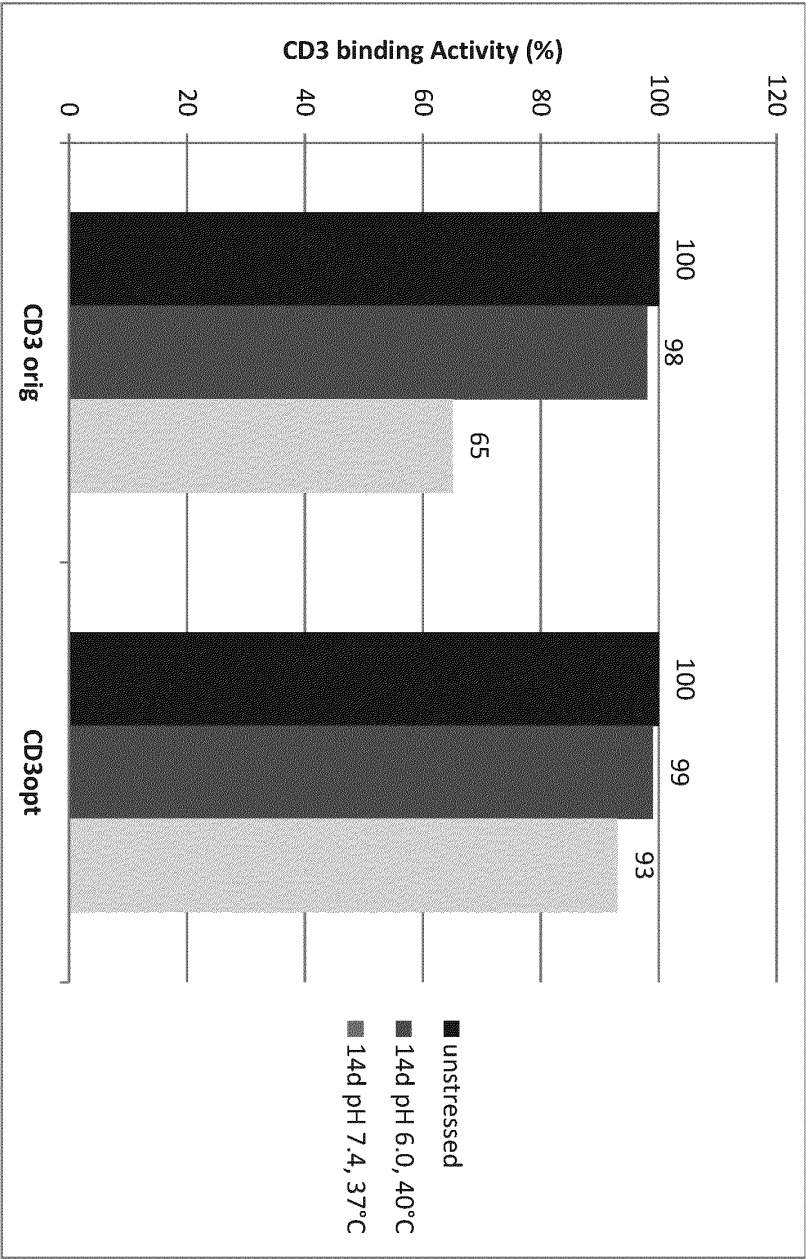


Fig. 15

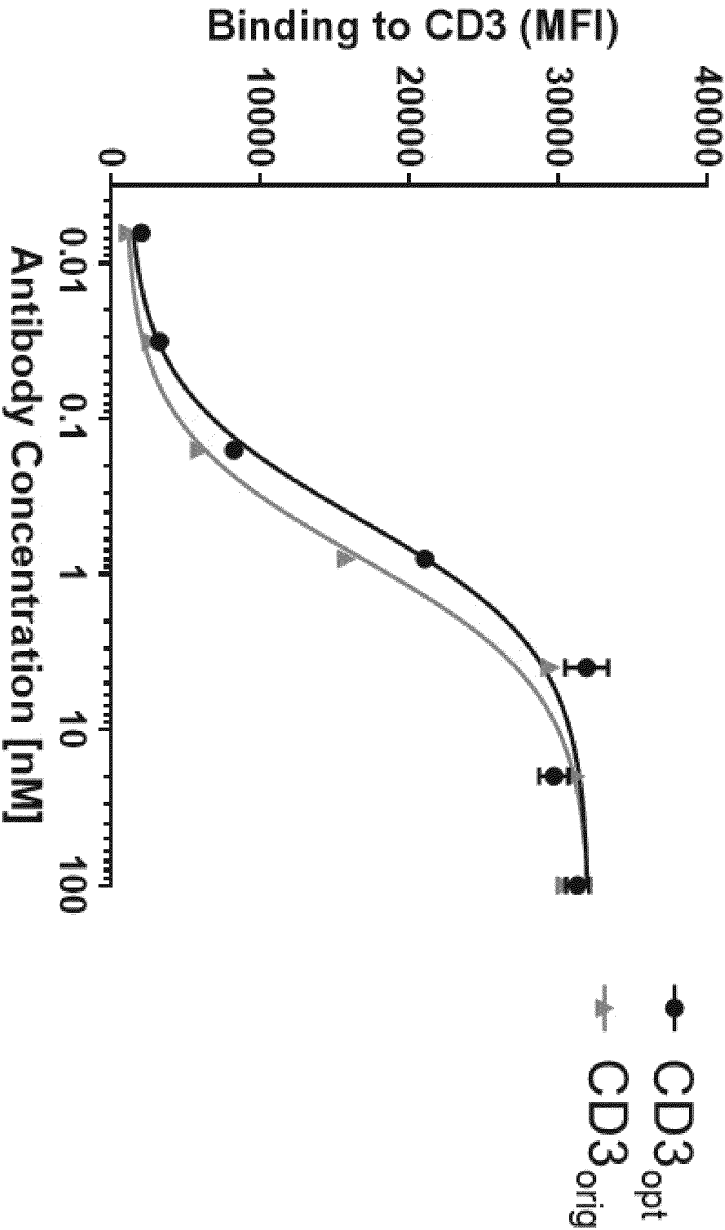


Fig. 16

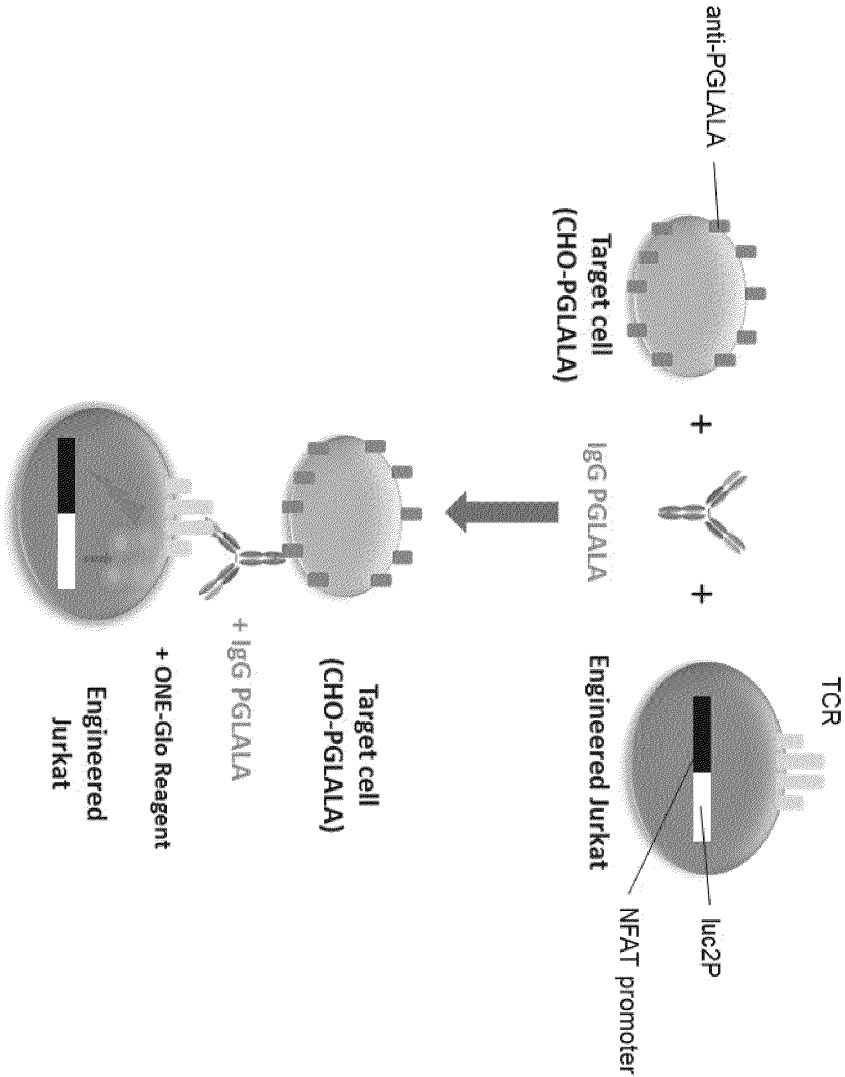


Fig. 17

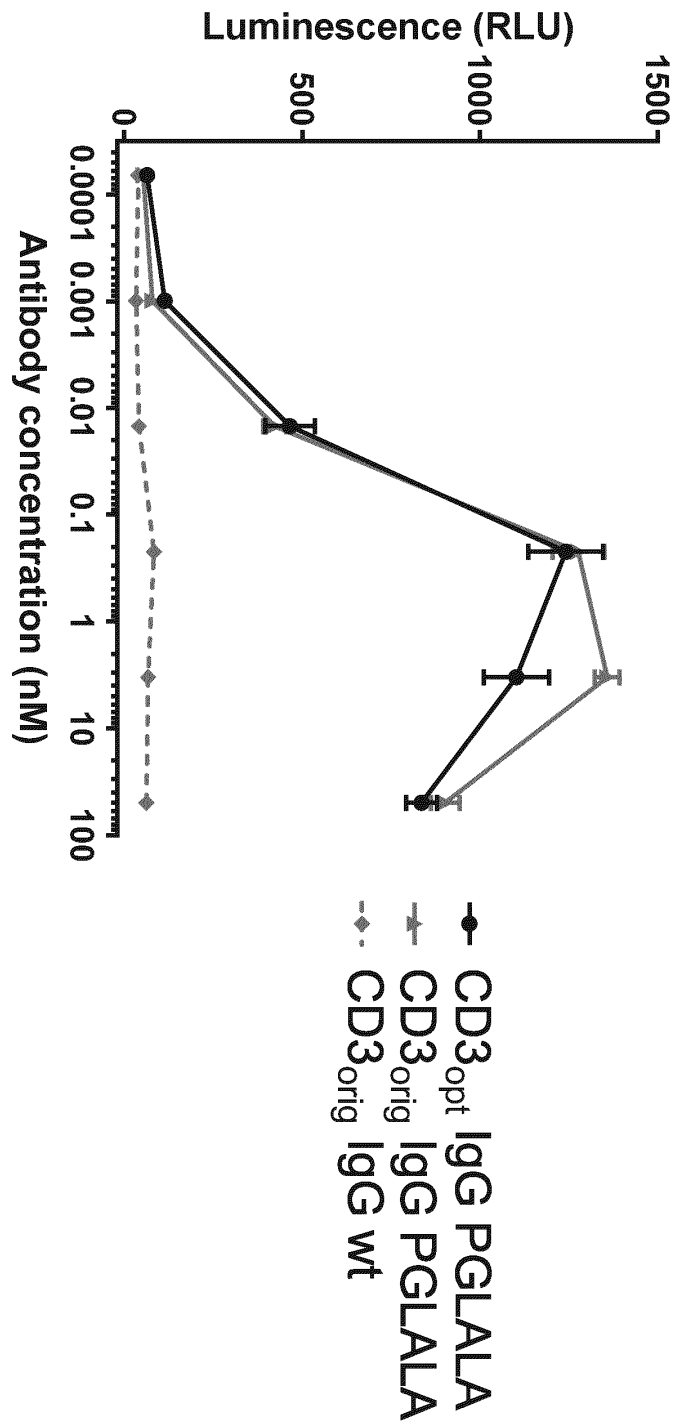


Fig. 18