

Fig. 1

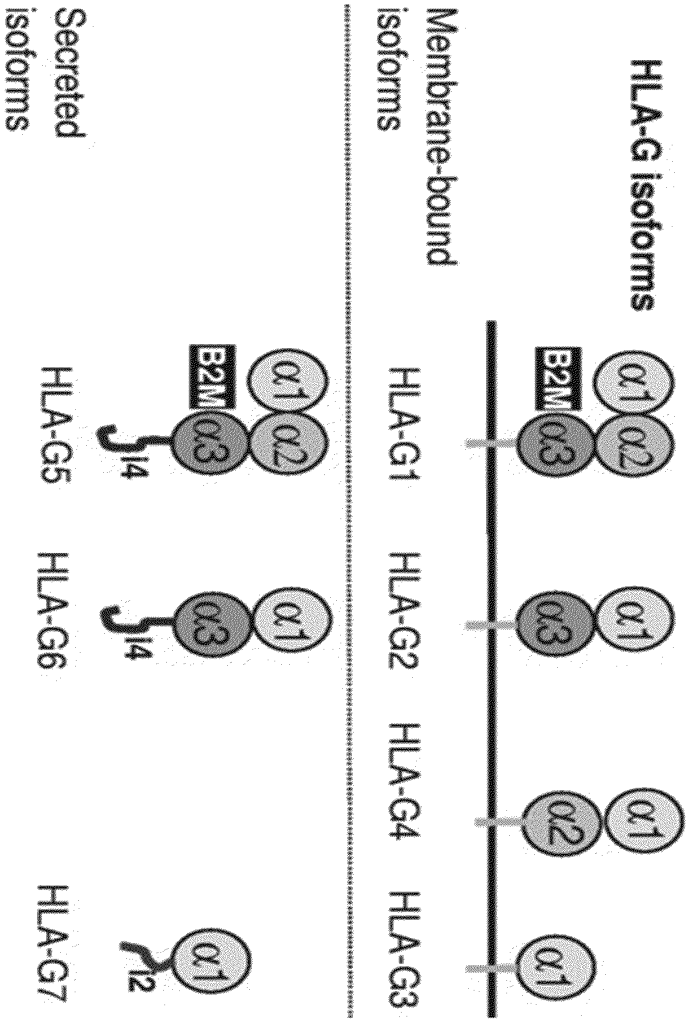


Fig. 2

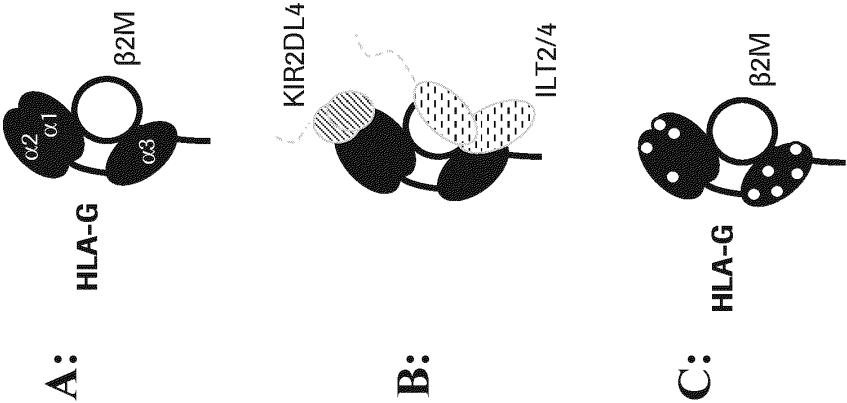


Fig. 2D

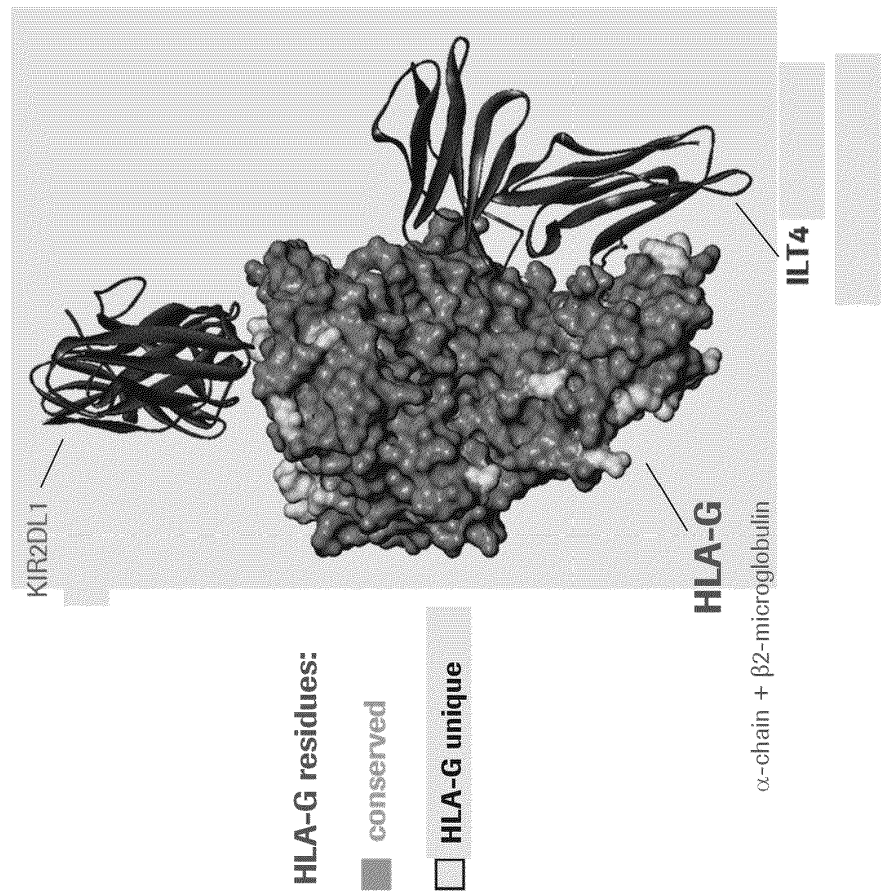
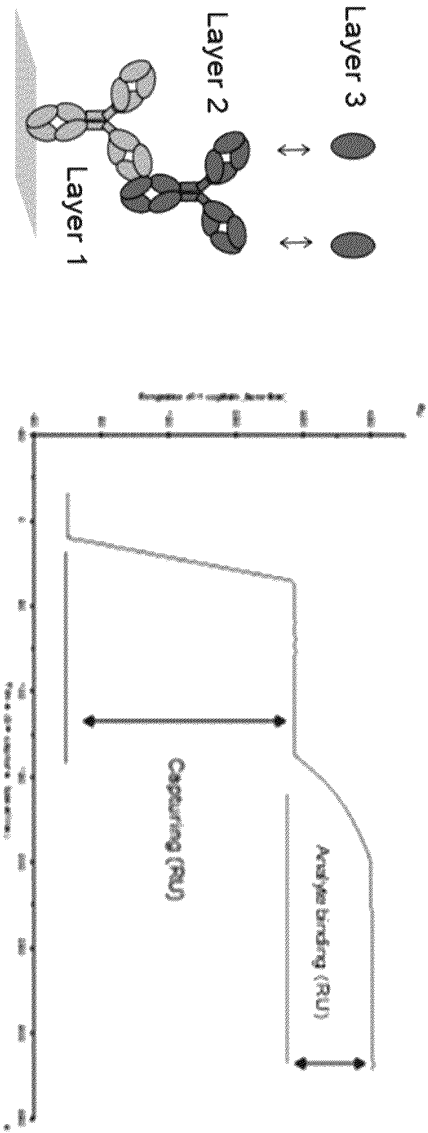


Fig. 3



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

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

Fig. 4A

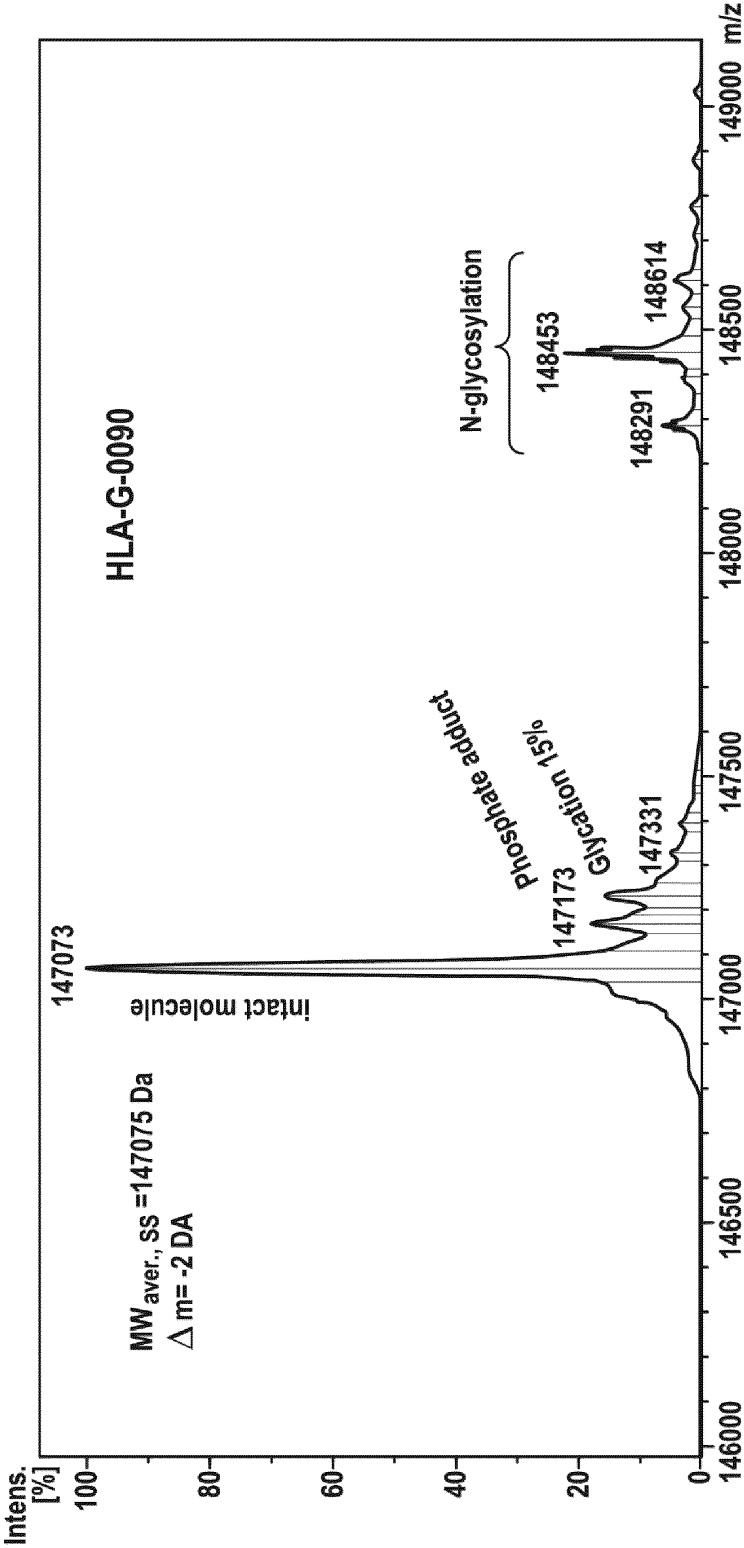


Fig. 4B

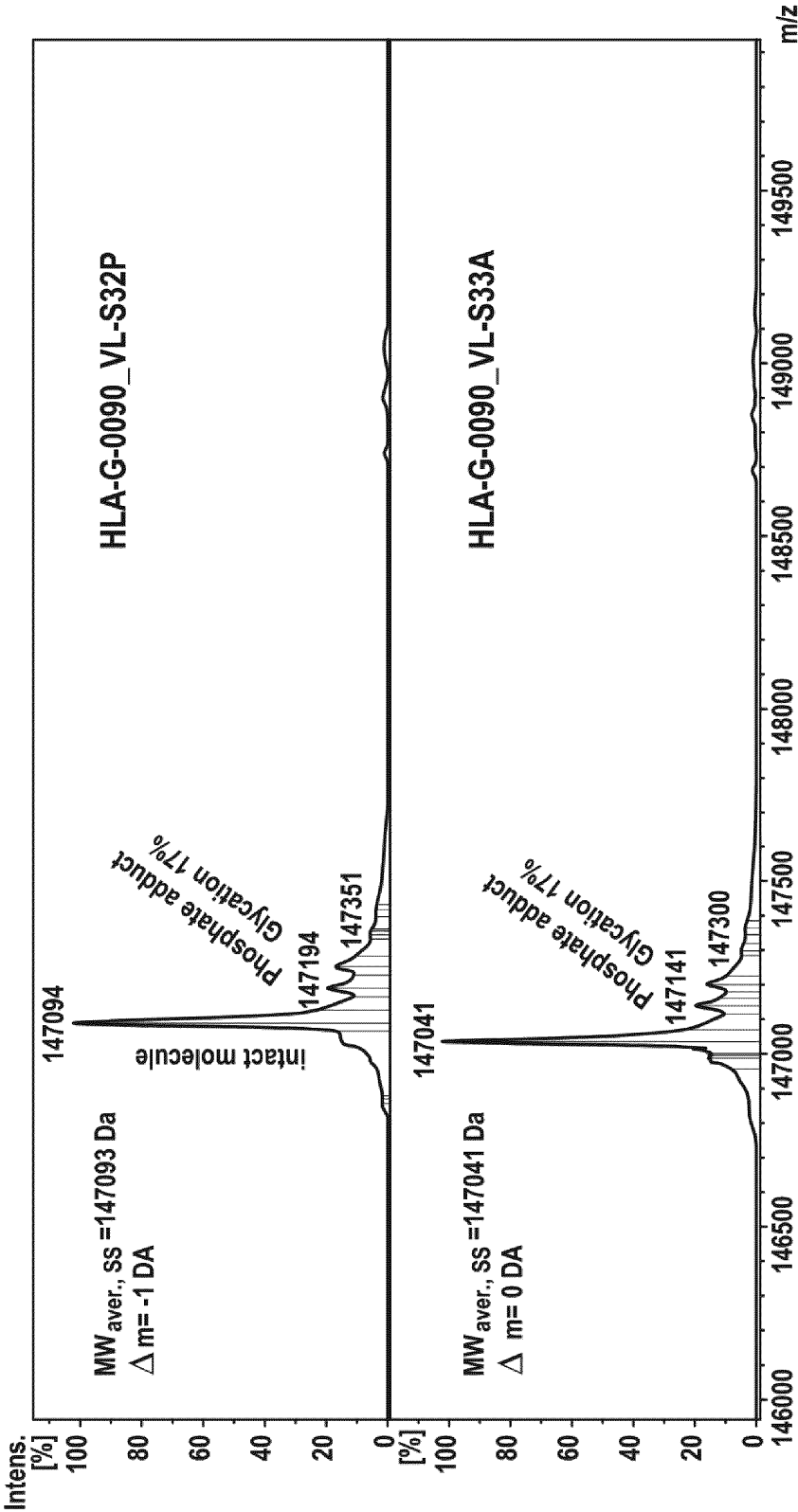
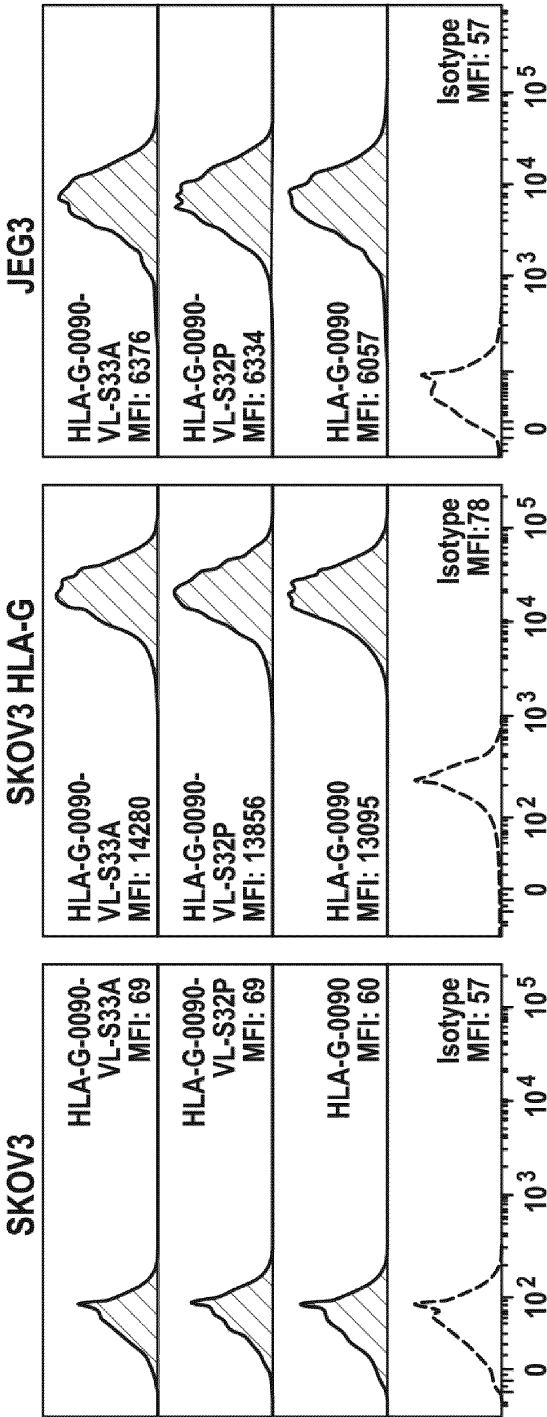


Fig. 5



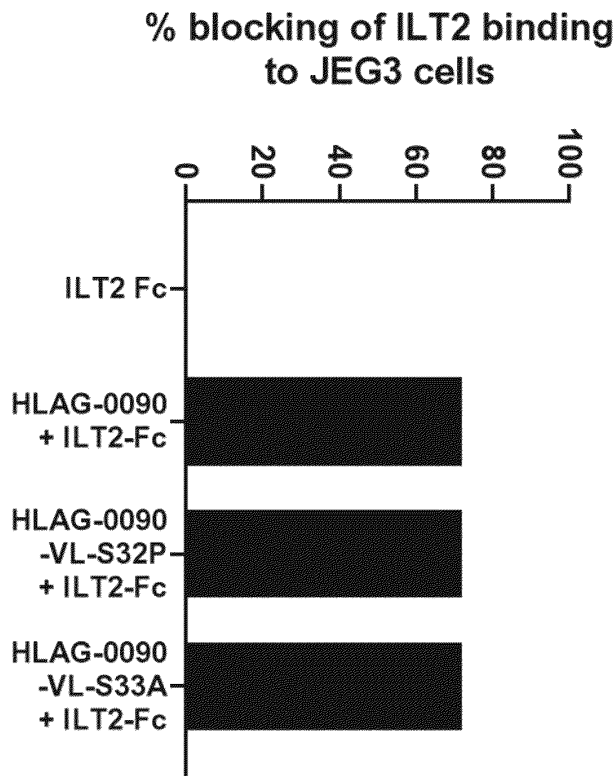
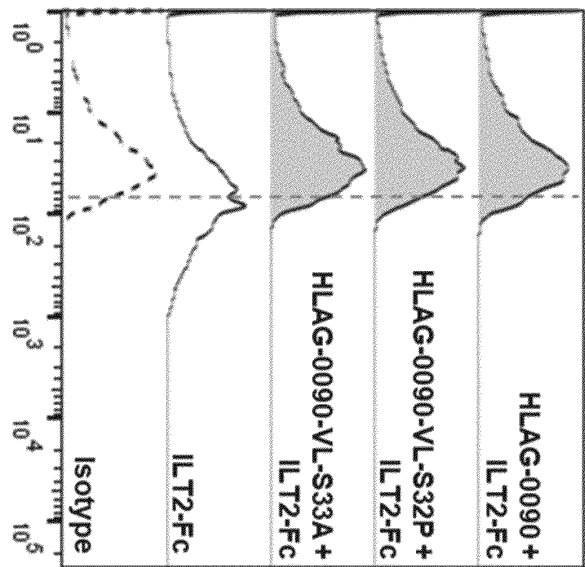


Fig. 6

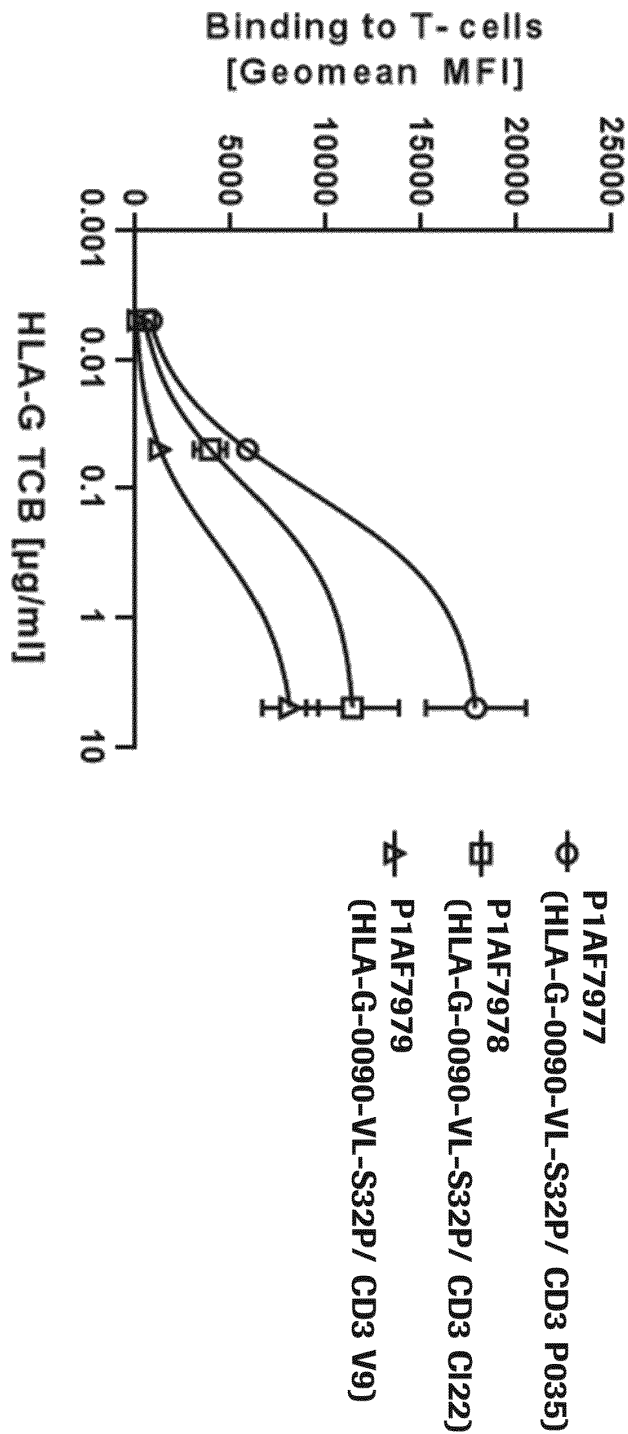


Fig. 7

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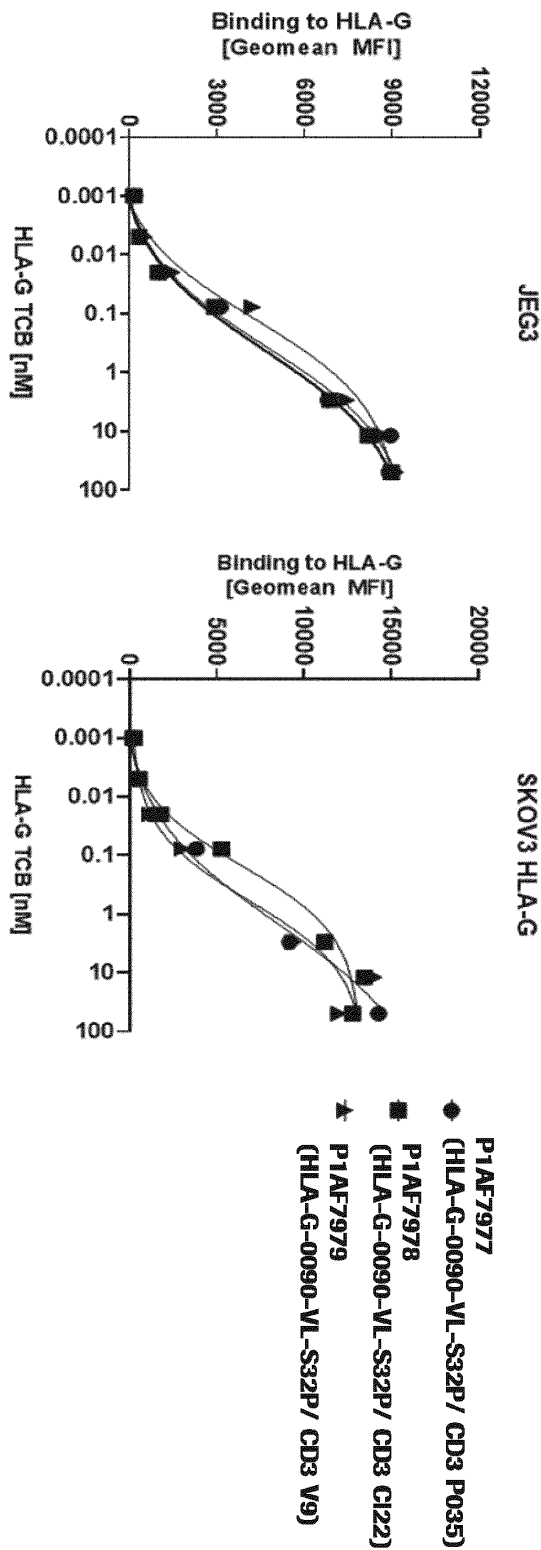


Fig. 8

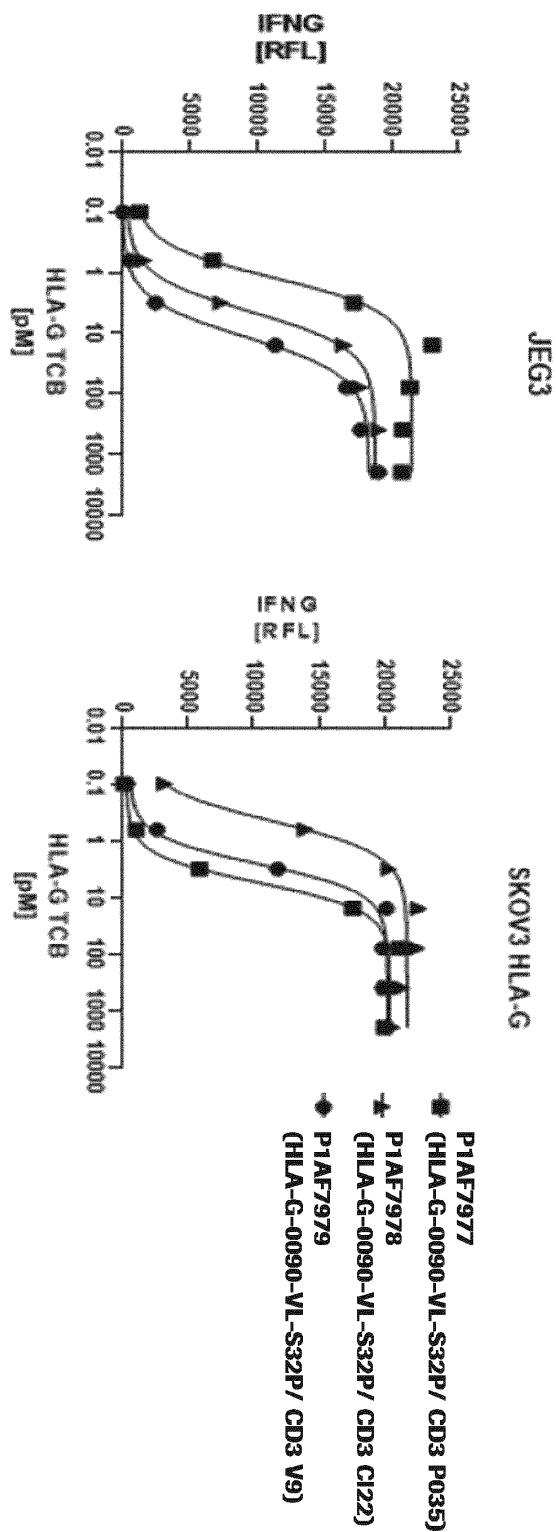


Fig. 9

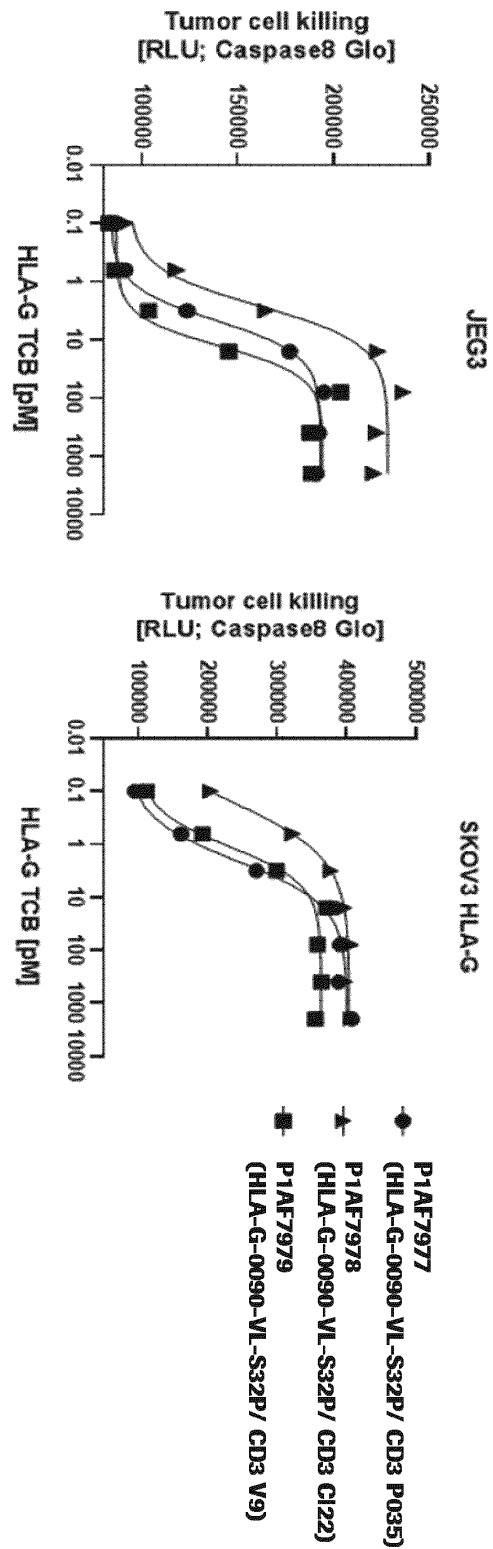
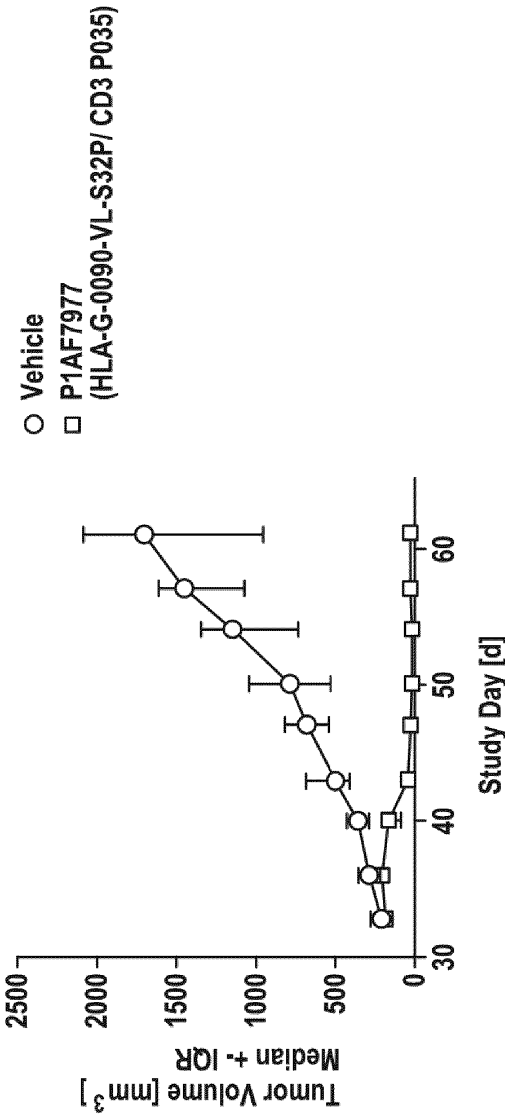


Fig. 10

Fig. 11



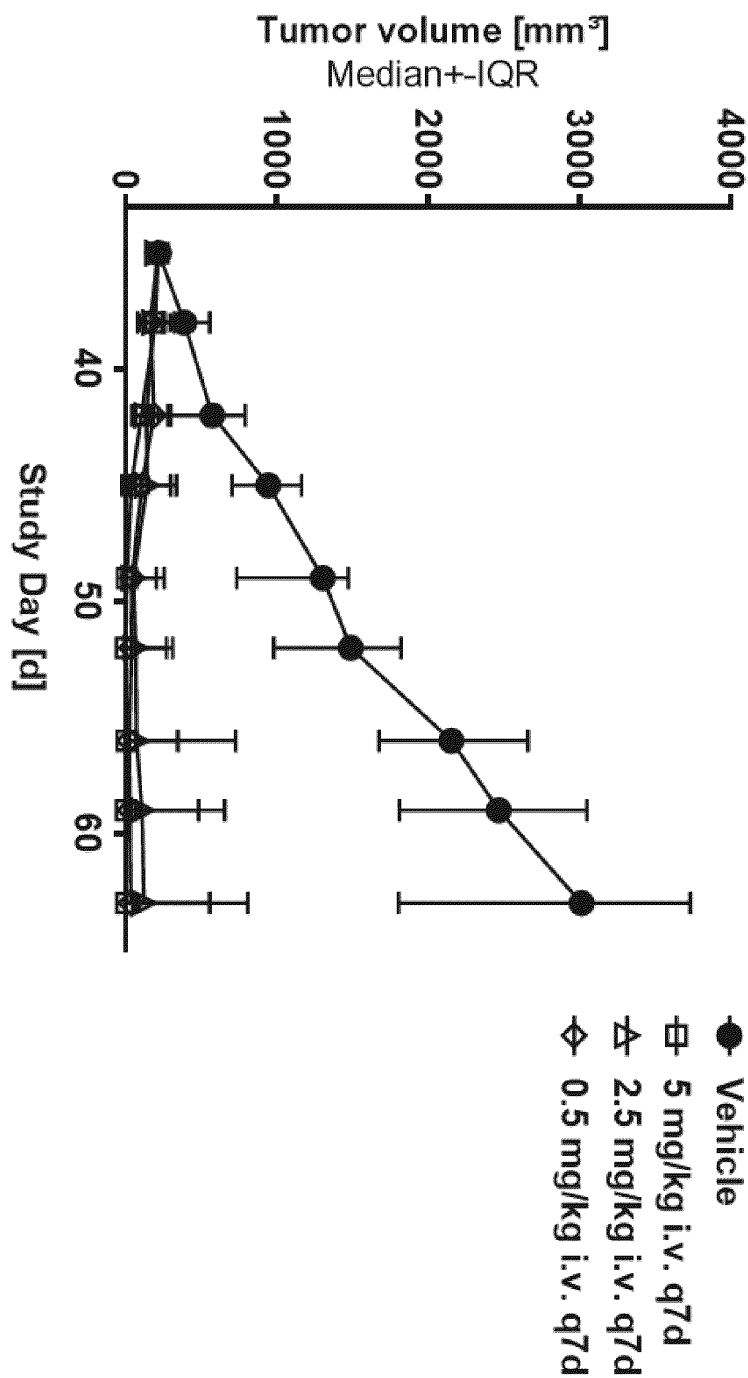


Fig. 12

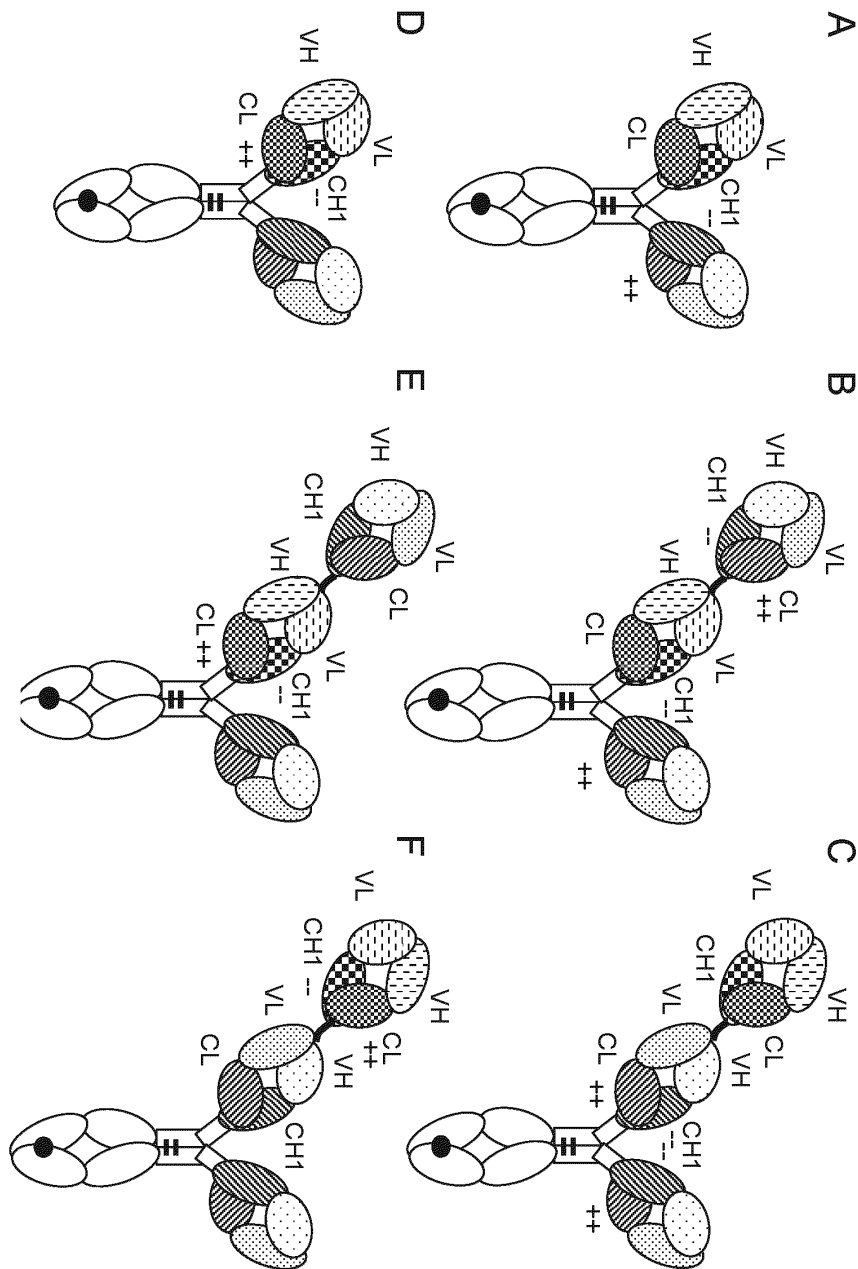


Fig. 13

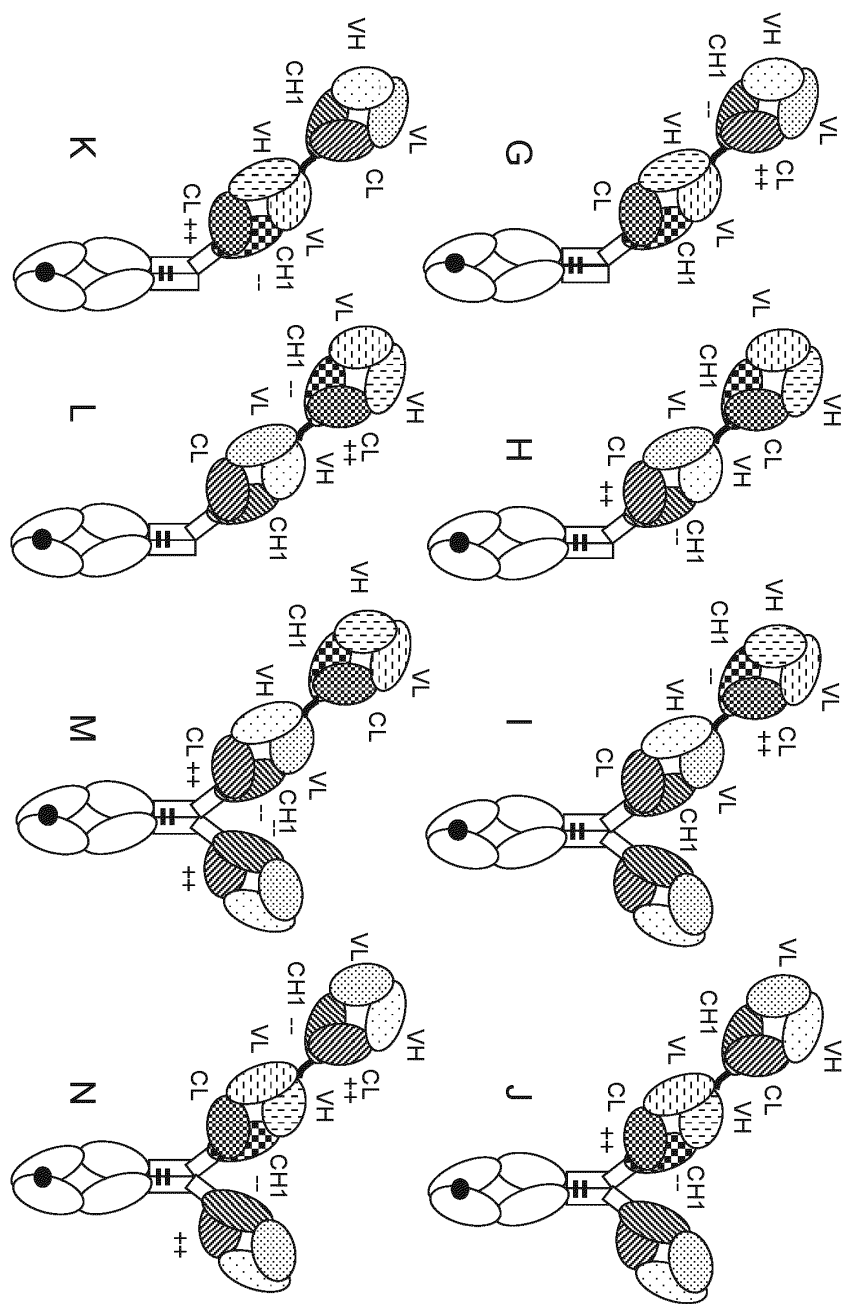
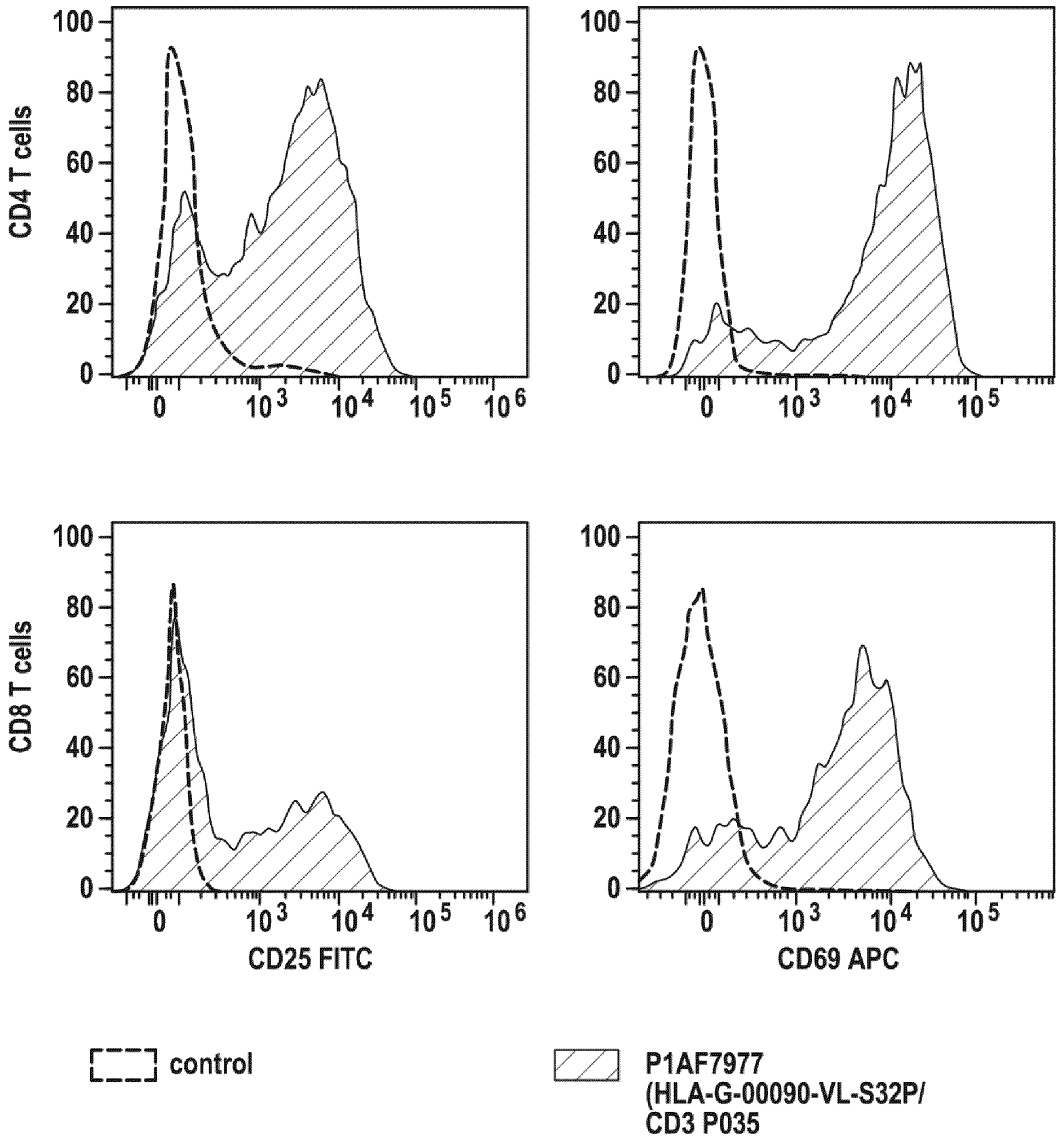


Fig. 13

Fig. 14



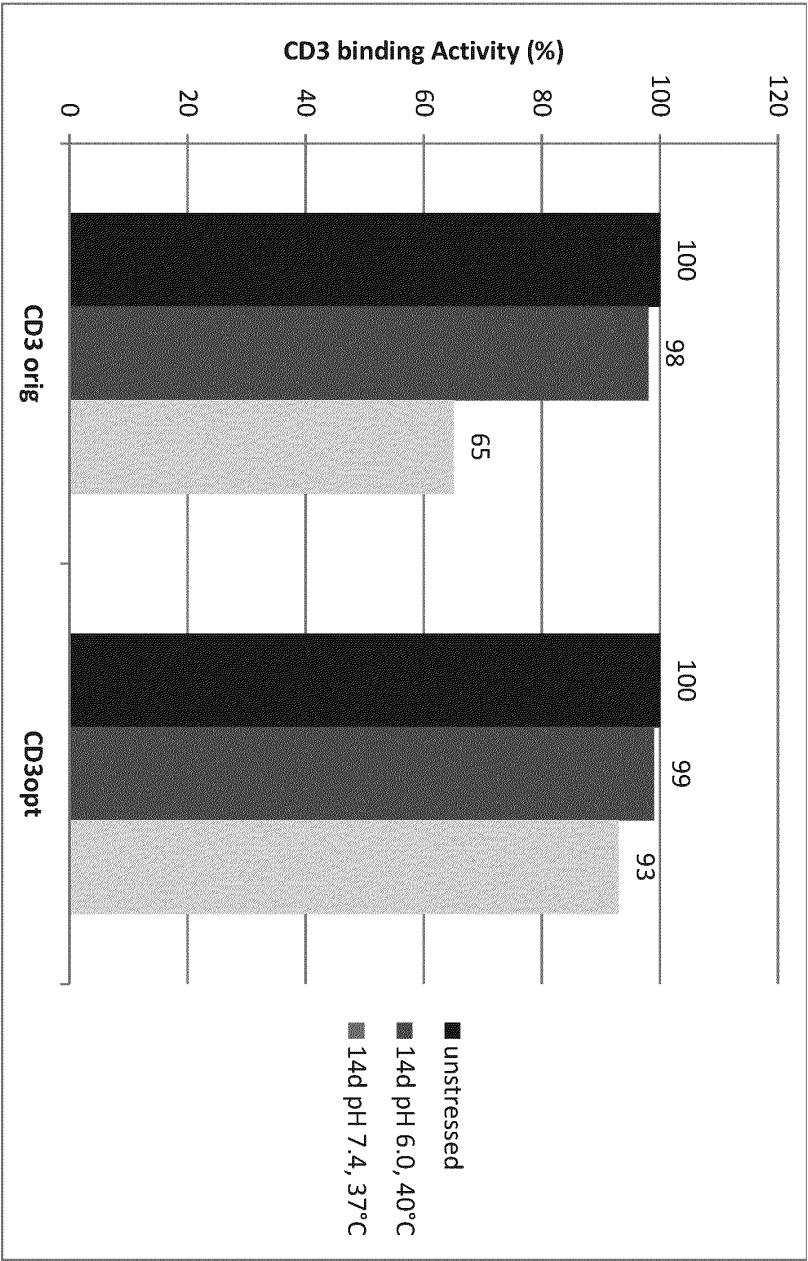


Fig. 15

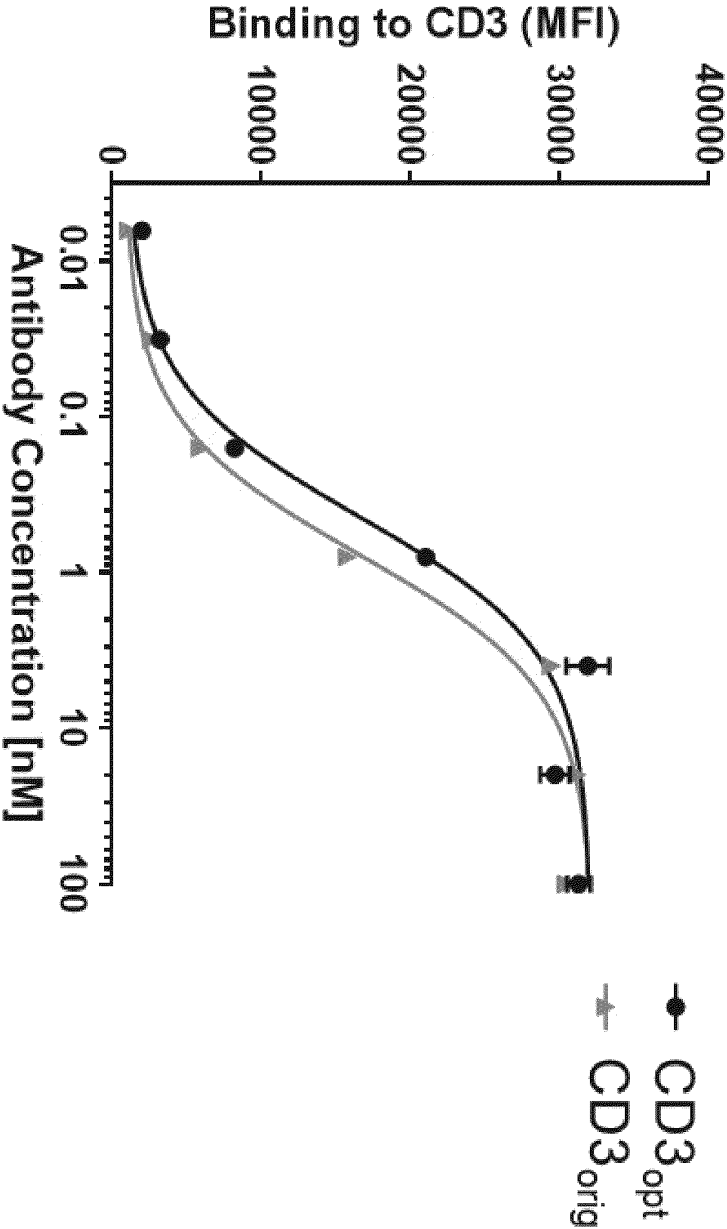


Fig. 16

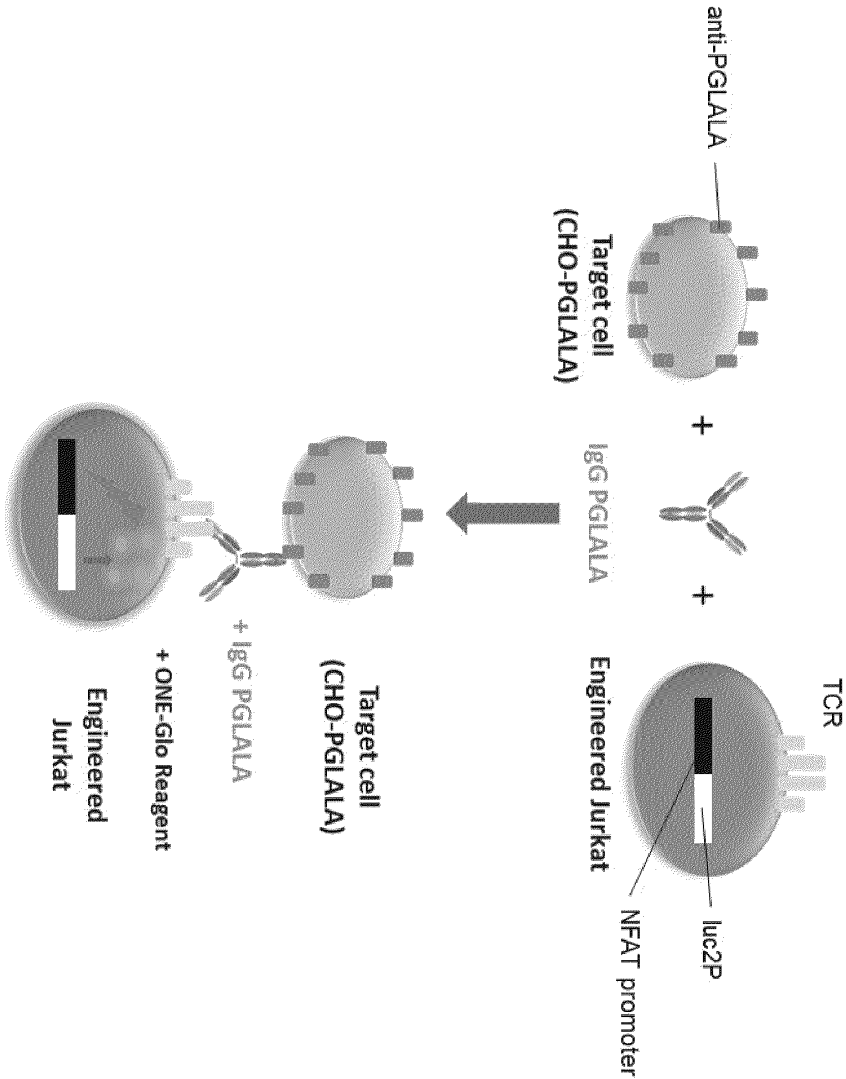


Fig. 17

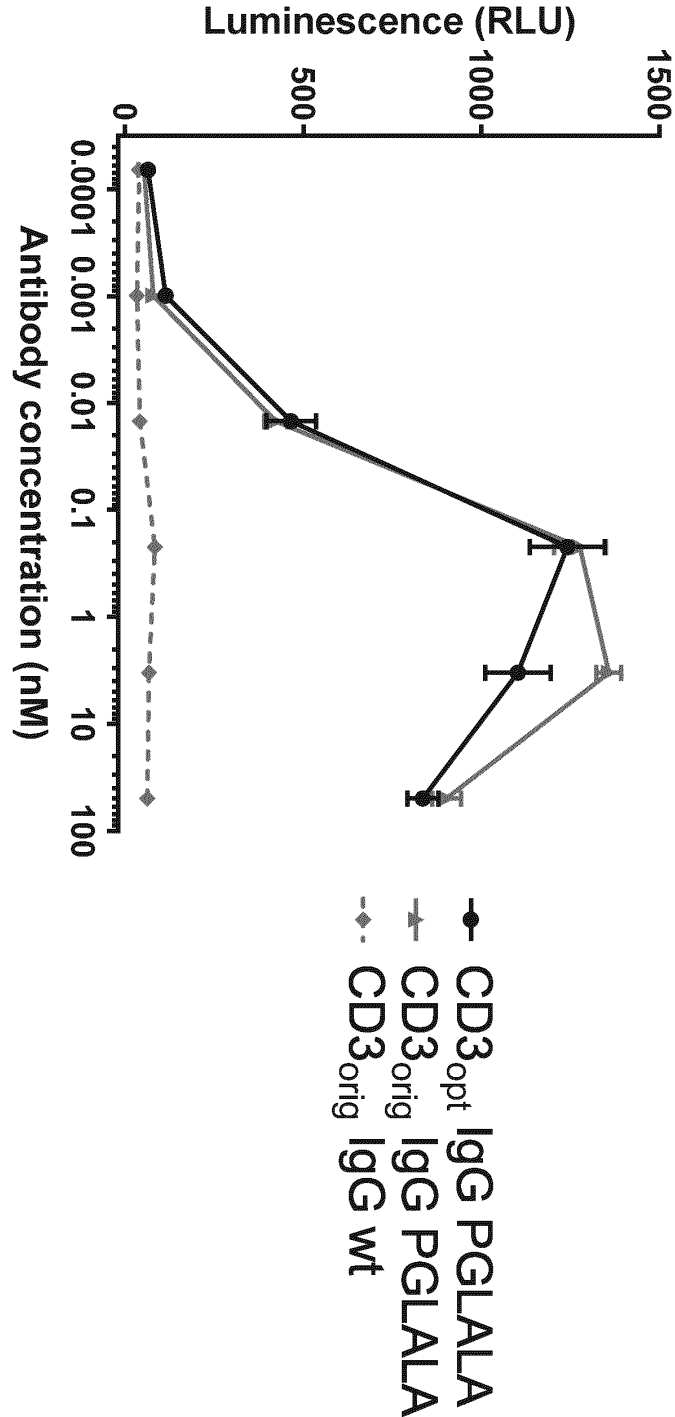


Fig. 18