

A schematic diagram of a Y-shaped antibody molecule. The molecule consists of two heavy chain regions (bottom) and two light chain regions (top). The heavy chains are represented by two vertical bars with diagonal hatching. The light chains are represented by two bars with horizontal hatching. The Y-shaped arms are formed by the association of these chains. Each of the four tips of the Y represents an antigen-binding site, which is depicted as a rectangular area with a grid pattern, indicating the specific binding site for an antigen.

A schematic diagram of an antibody molecule. It consists of two heavy chains (represented by thick vertical bars) and two light chains (represented by thinner bars). The chains are connected by disulfide bonds. The molecule has a Y-shaped structure with two antigen-binding sites at the tips of the arms. Each binding site is formed by the variable regions of the heavy and light chains.

FIG. 3

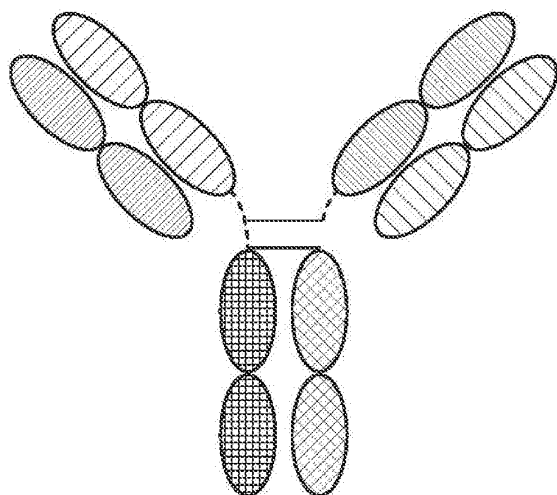


FIG. 4

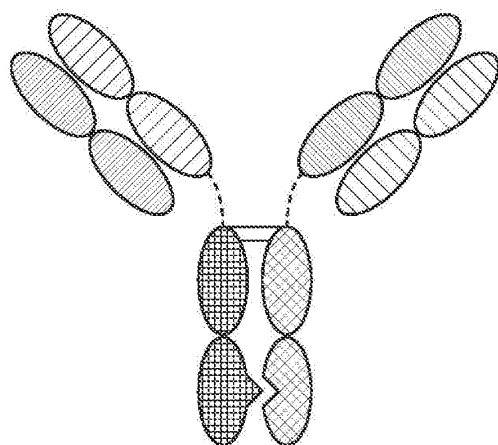


FIG. 5

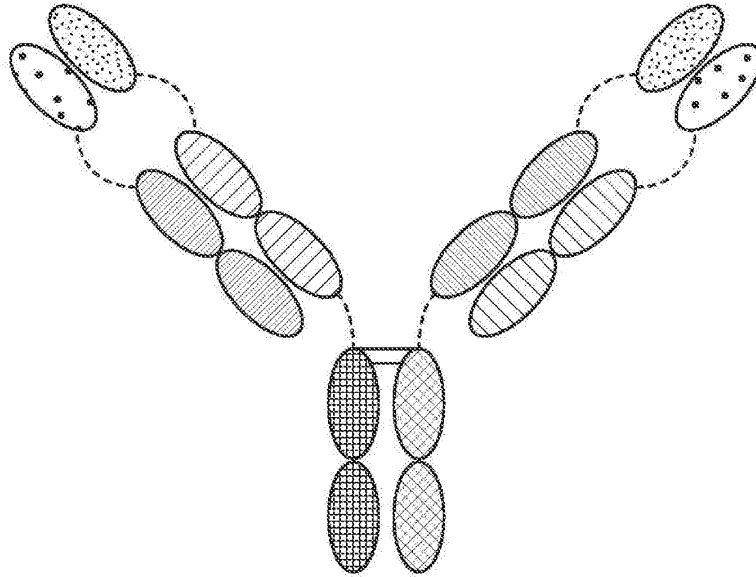


FIG. 6

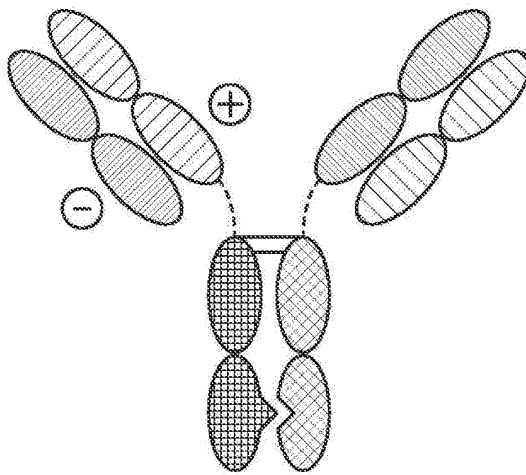


FIG. 7

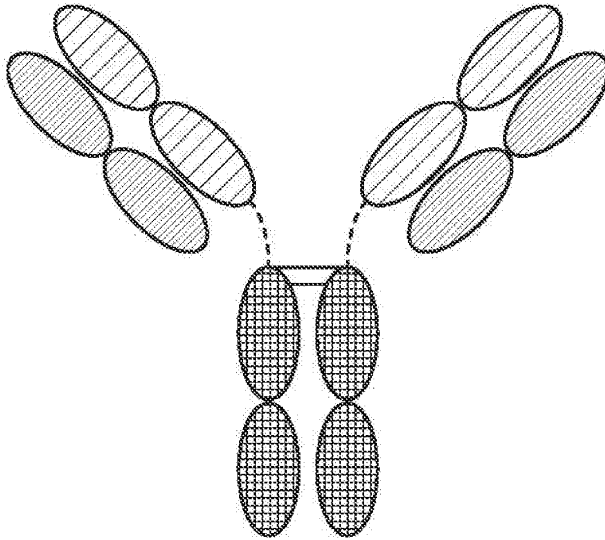


FIG. 8

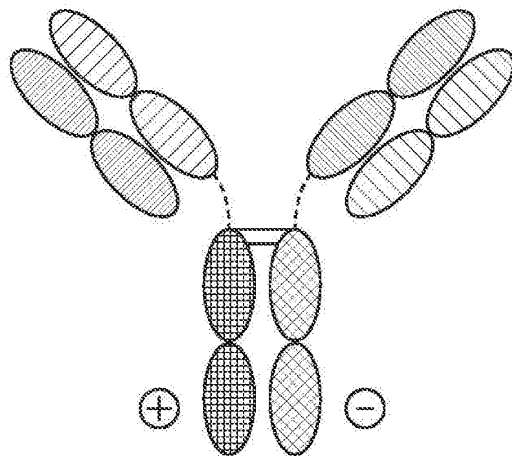


FIG. 9

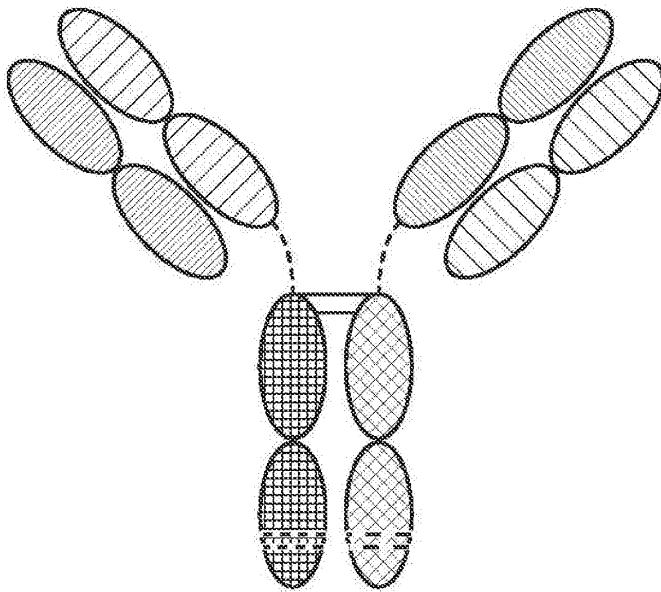


FIG. 10

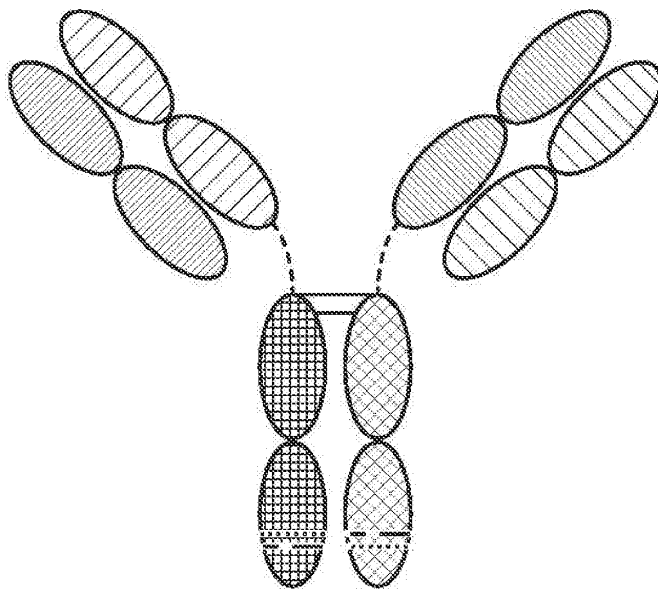


FIG. 11

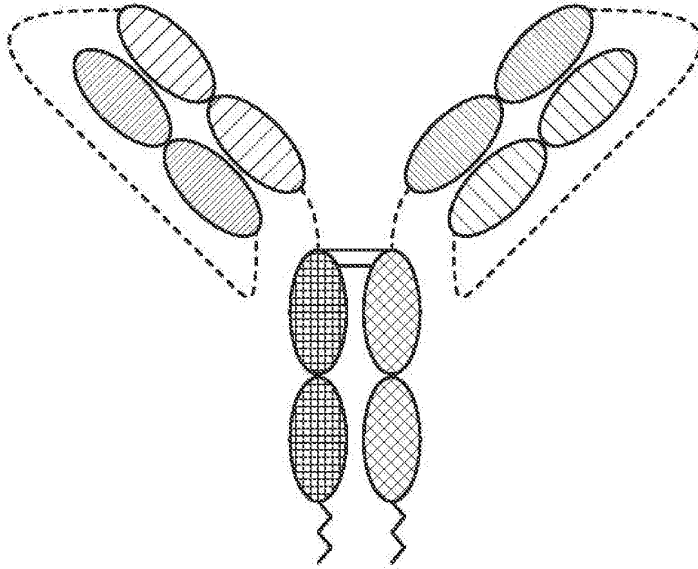


FIG. 12

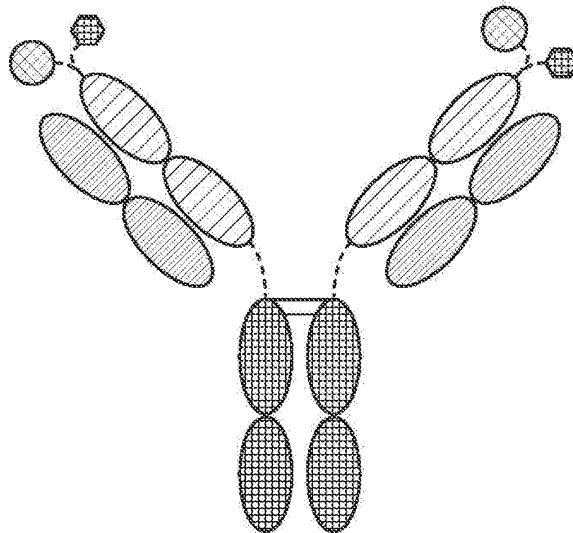


FIG. 13A

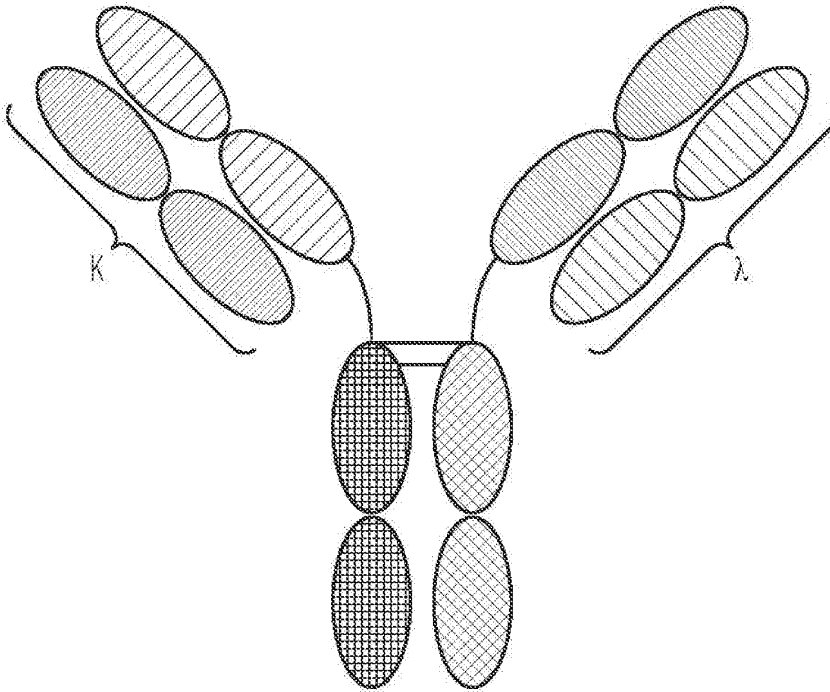


FIG. 13B

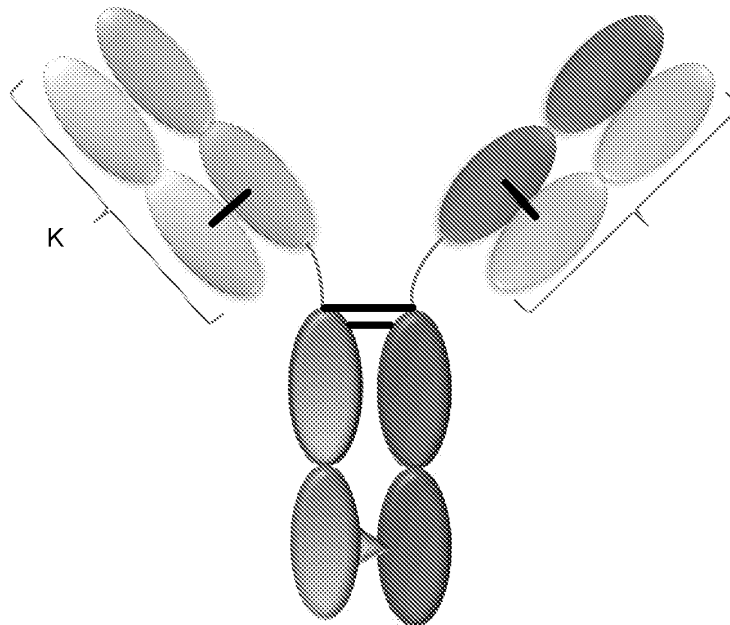


FIG. 14

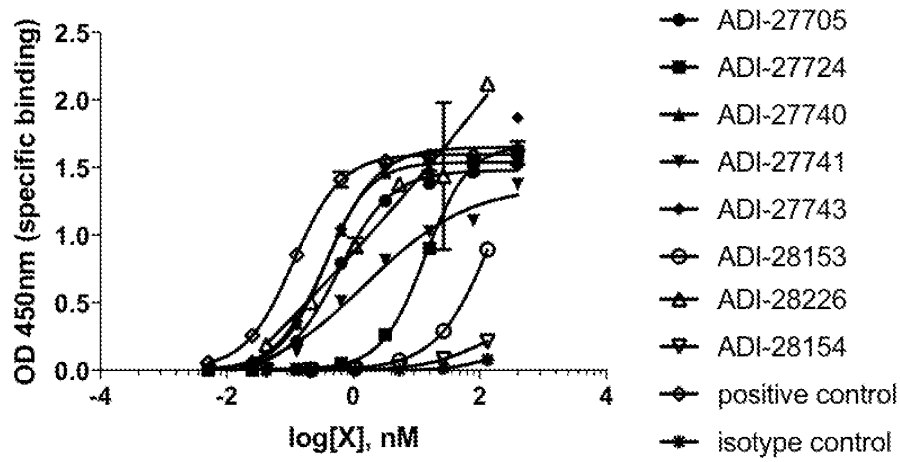


FIG. 15

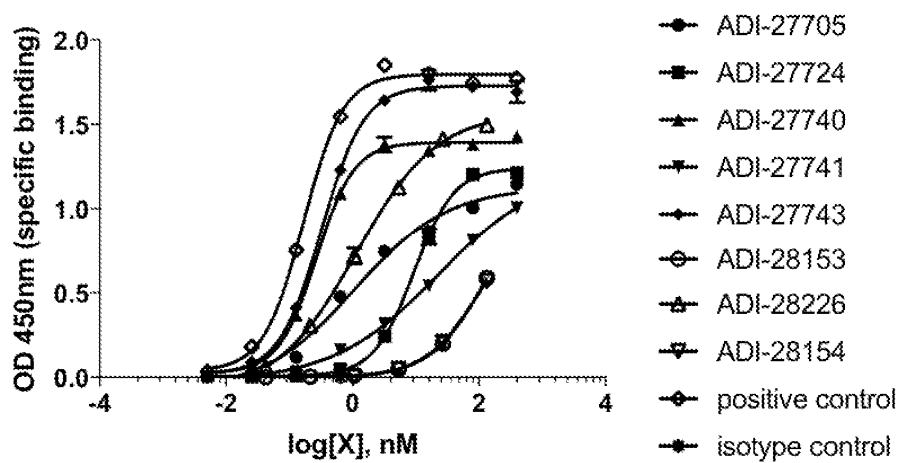


FIG. 16

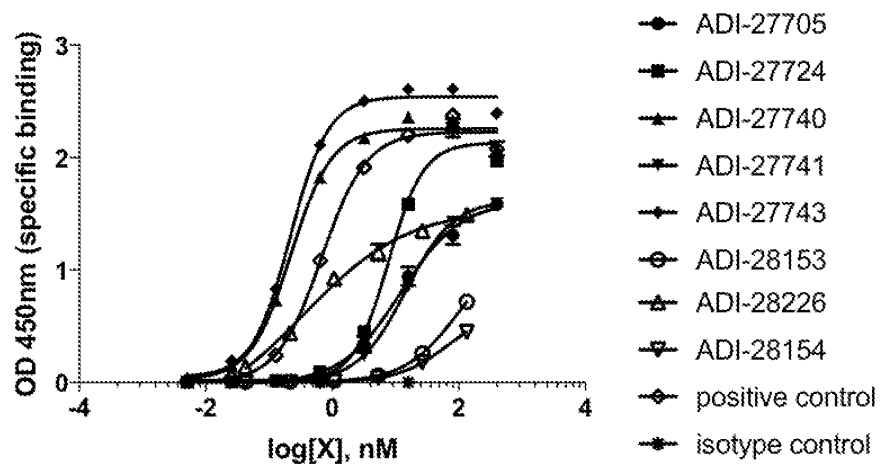


FIG. 17

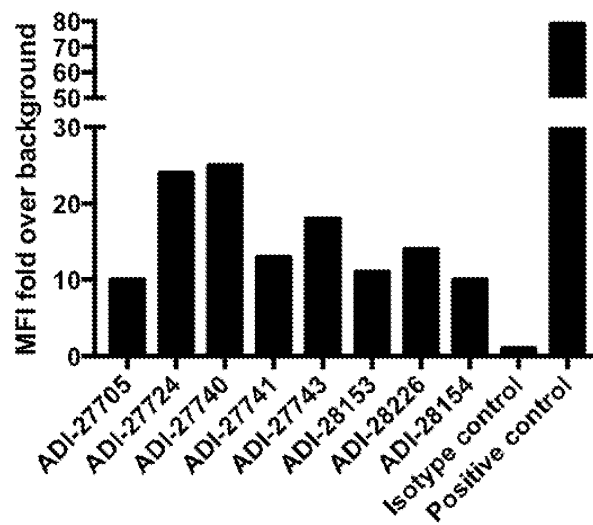


FIG. 18

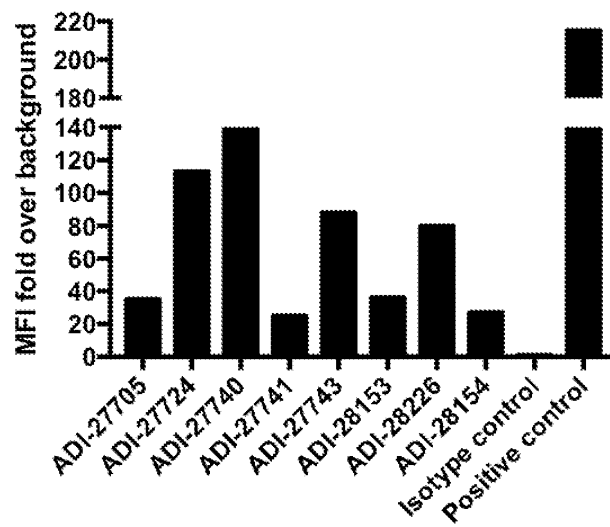


FIG. 19

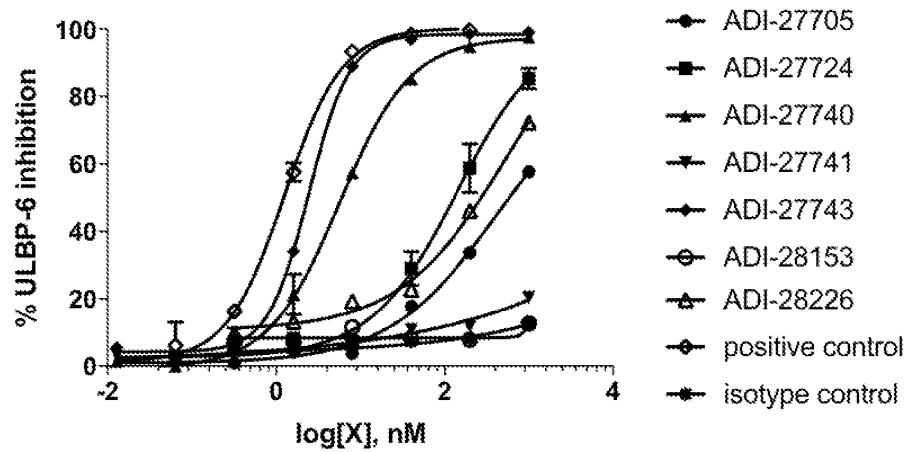


Figure 1 is a line graph showing the inhibition of NKG2D by various ADI compounds. The y-axis represents '% NKG2D inhibition' (0 to 100) and the x-axis represents 'log[X], nM' (-1 to 3). The graph includes data for ADI-27705, ADI-27724, ADI-27740, ADI-27741, ADI-27743, ADI-28153, ADI-28226, ADI-28154, Isotype control, and Positive control. ADI-27705, ADI-27740, and ADI-27741 show the highest inhibition, reaching nearly 100% at higher concentrations. ADI-27724 and ADI-27743 show moderate inhibition, reaching about 80% and 75% respectively. ADI-28153 and ADI-28226 show low inhibition, reaching about 15% and 10% respectively. ADI-28154, Isotype control, and Positive control show no inhibition.

log[X], nM	ADI-27705	ADI-27724	ADI-27740	ADI-27741	ADI-27743	ADI-28153	ADI-28226	ADI-28154	Isotype control	Positive control
-1	~10	~5	~5	~5	~5	~5	~5	~0	~0	~0
0	~15	~10	~10	~10	~10	~10	~10	~0	~0	~0
1	~40	~25	~40	~40	~30	~10	~5	~0	~0	~0
2	~90	~65	~90	~90	~65	~5	~10	~0	~0	~0
3	~95	~80	~95	~95	~75	~15	~10	~0	~0	~0

Figure 1 is a line graph showing the inhibition of mNKG2D by various ADI compounds. The y-axis represents '% mNKG2D inhibition' from 0 to 100. The x-axis represents 'log[X], nM' from -1 to 3. The legend includes: ADI-27705 (filled circle), ADI-27724 (filled square), ADI-27740 (filled triangle), ADI-27741 (open circle), ADI-27743 (filled diamond), ADI-28153 (filled star), ADI-28226 (open diamond), ADI-28154 (open star), Isotype control (plus), and Positive control (cross). ADI-27705, ADI-27724, ADI-27740, ADI-27741, ADI-27743, and ADI-28153 show dose-dependent inhibition, reaching near 100% at high concentrations. ADI-28226 and ADI-28154 show lower inhibition, reaching about 45% and 35% respectively. The isotype control shows no inhibition, and the positive control shows 100% inhibition.

FIG. 22

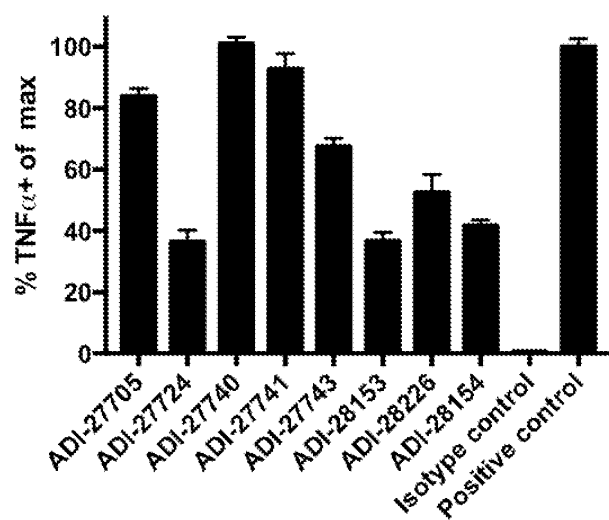


FIG. 23

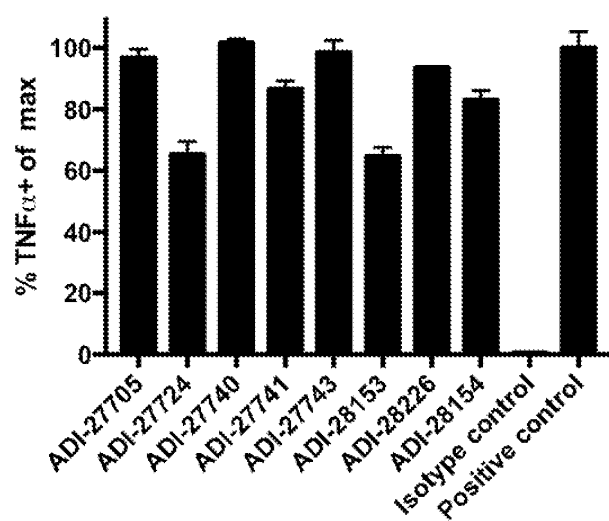


FIG. 24

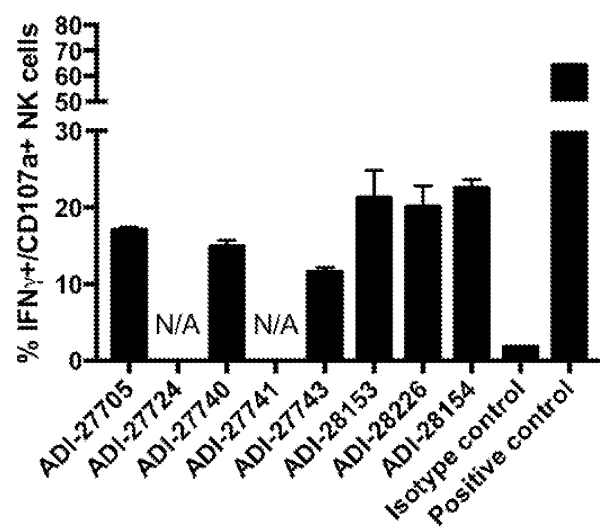


FIG. 25

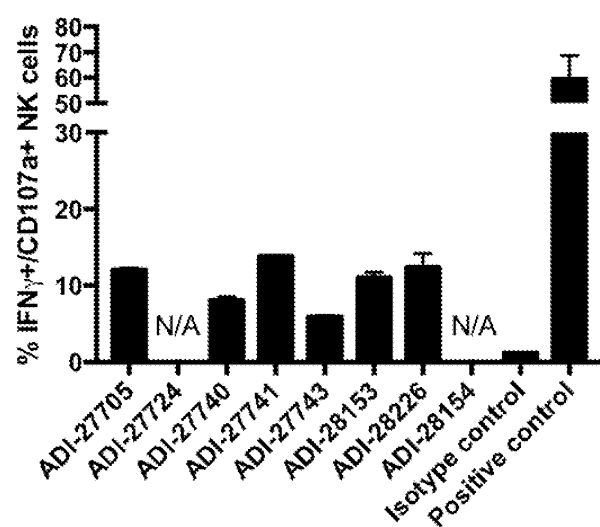


FIG. 26

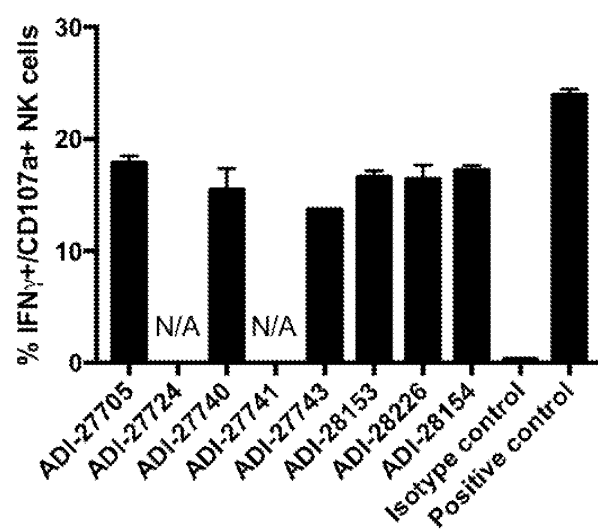


FIG. 27

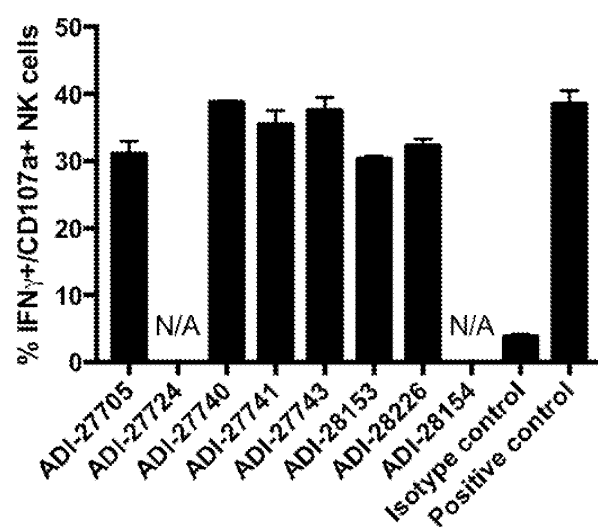


FIG. 28

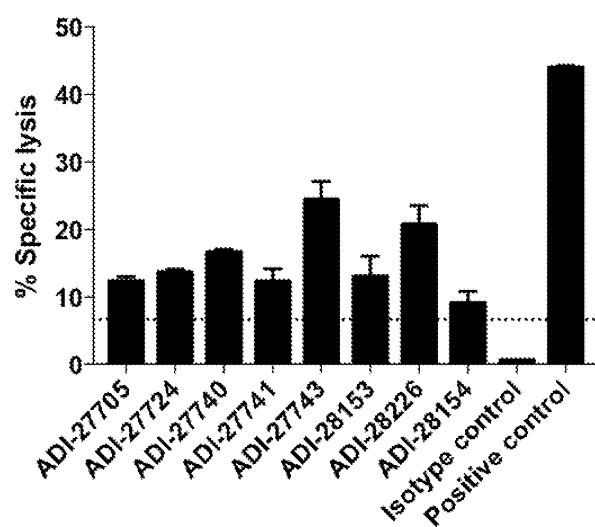


FIG. 29

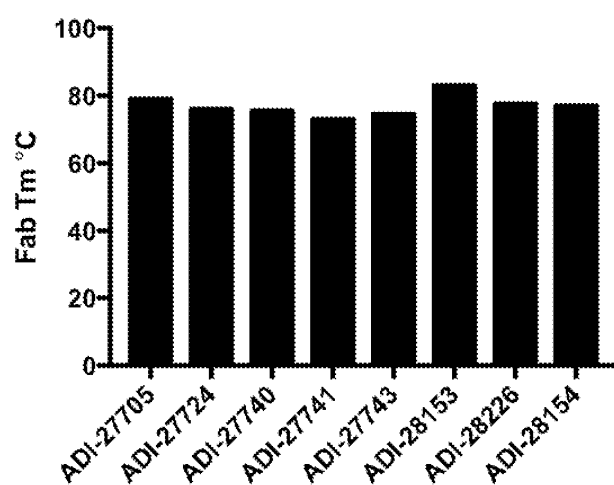


FIG. 30

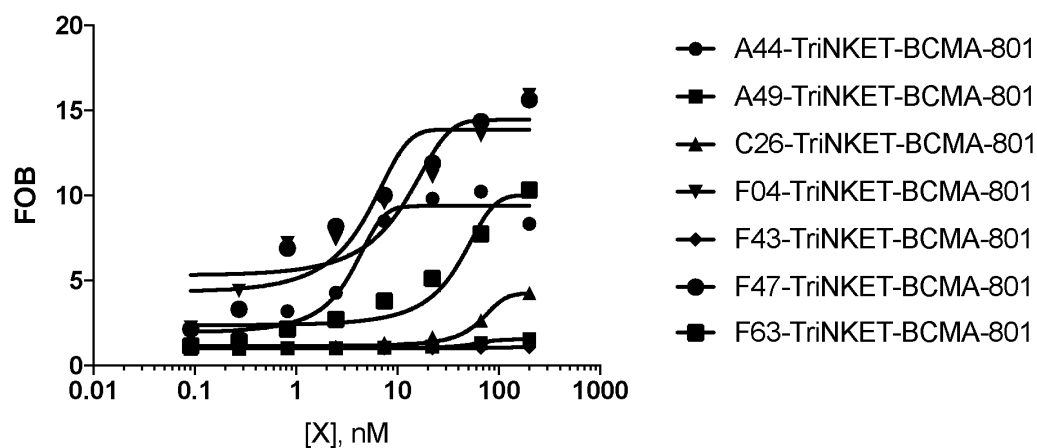


FIG. 31

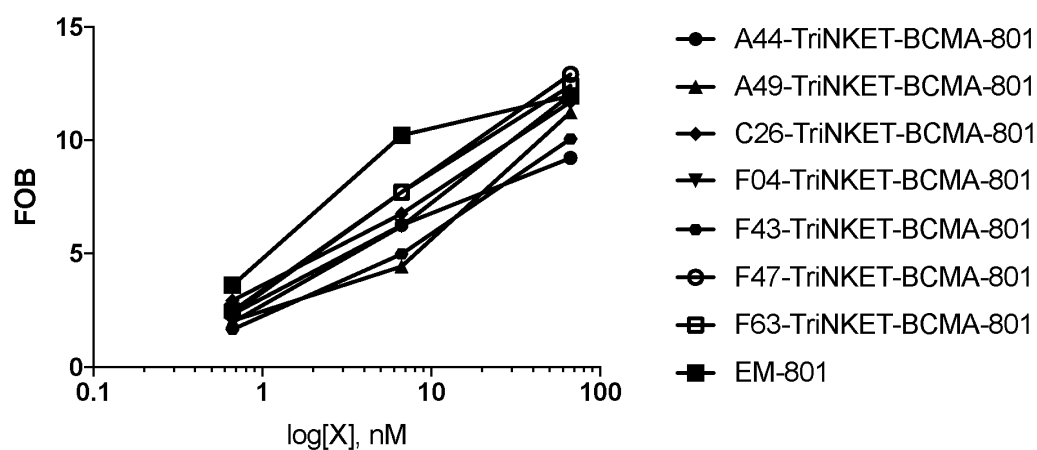


FIG. 32

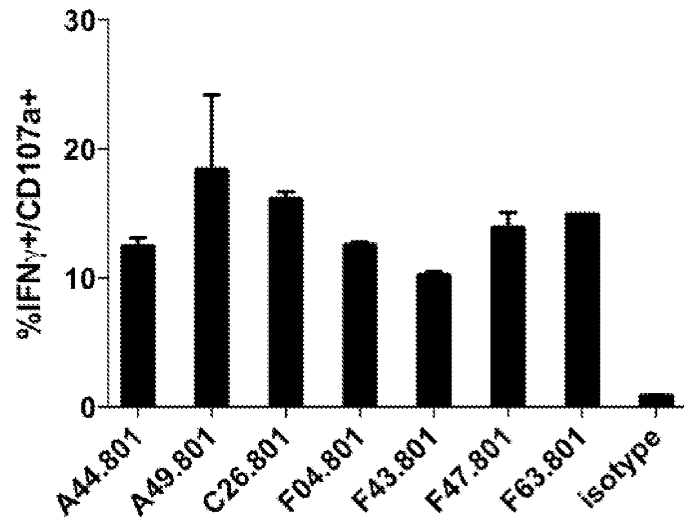


FIG. 33

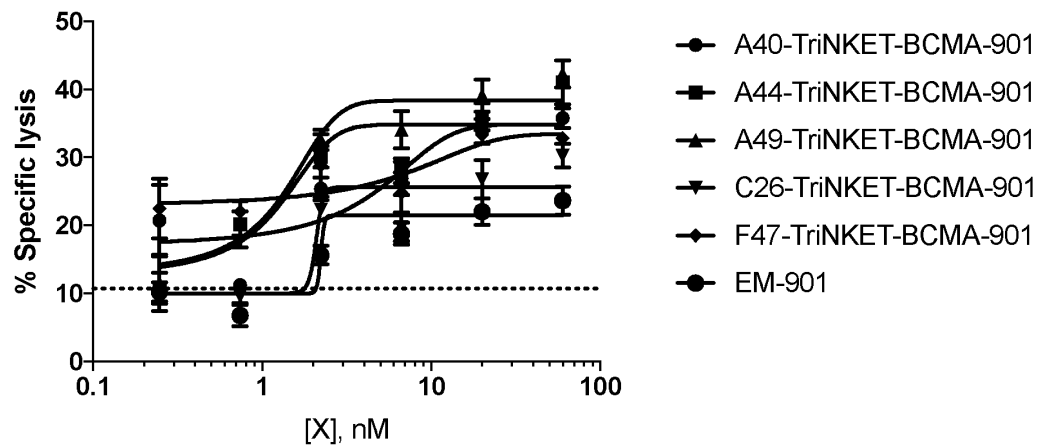


FIG. 34A

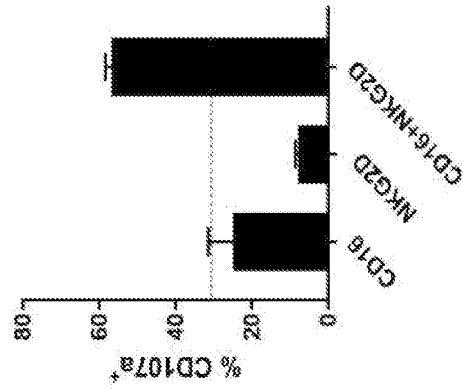


FIG. 34B

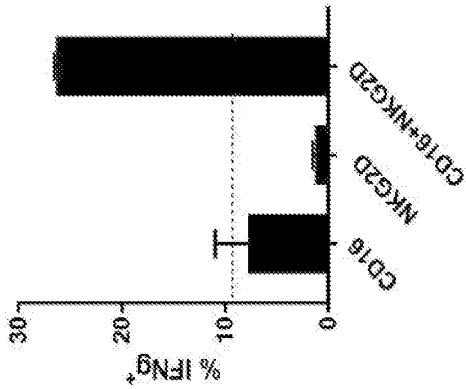


FIG. 34C

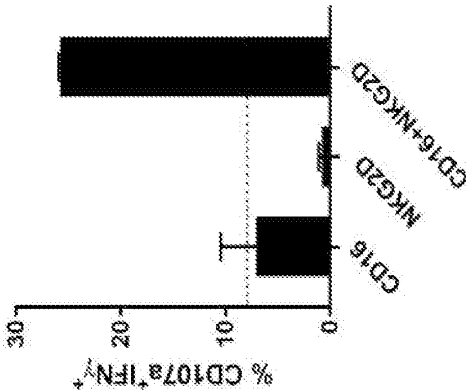


FIG. 35

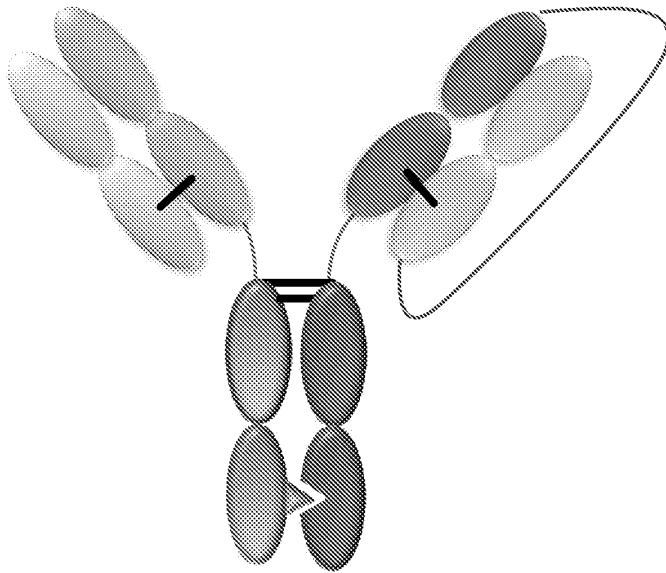


FIG. 36

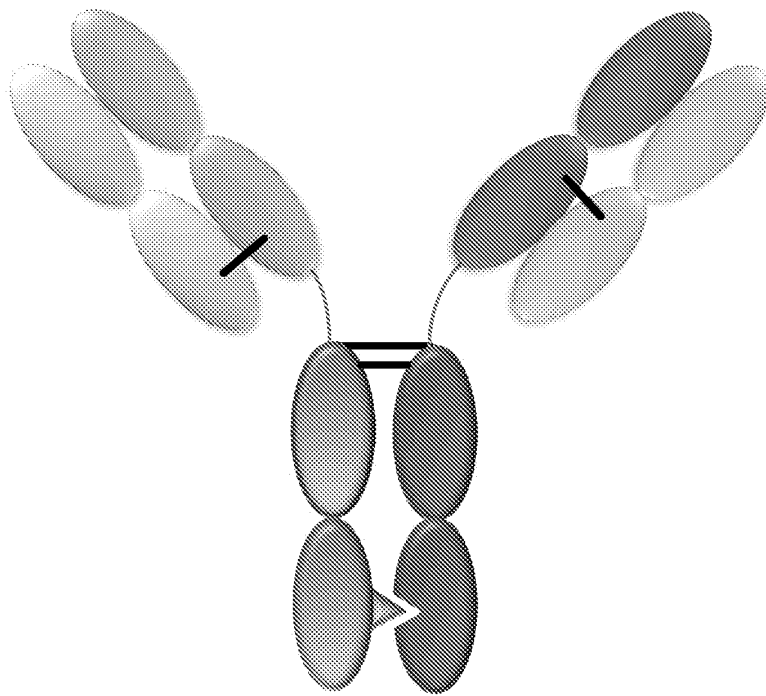


FIG. 37

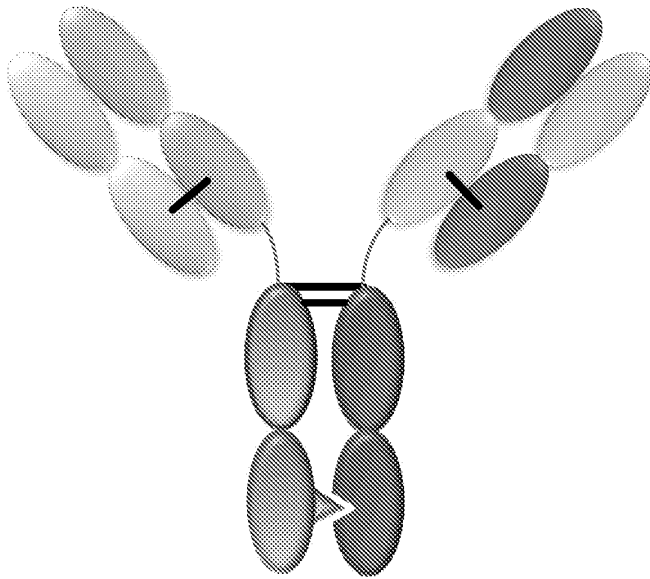


FIG. 38

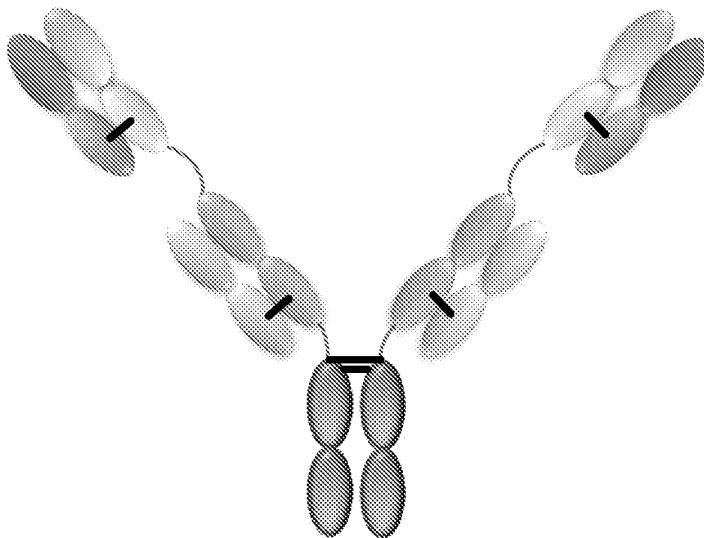


FIG. 39

