

FIG. 1A

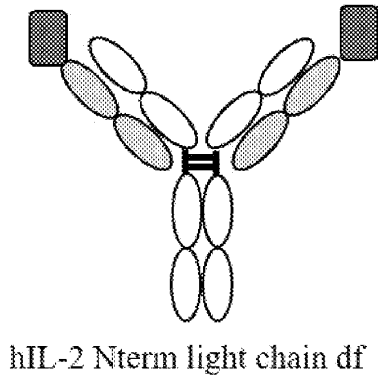


FIG. 1B

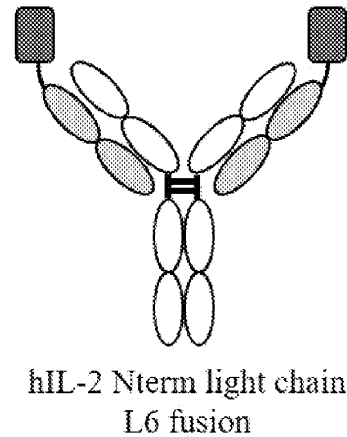


FIG. 1C

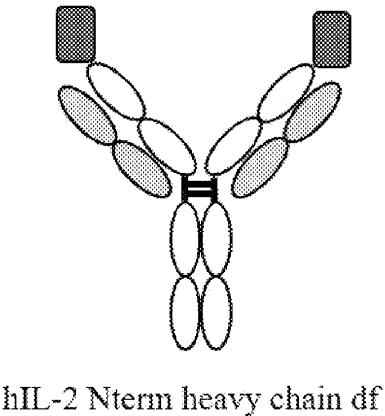
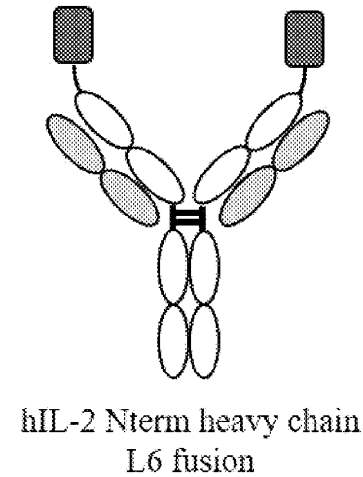


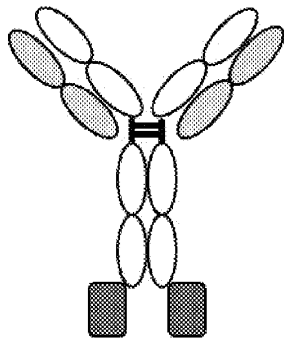
FIG. 1D



 hIL-2

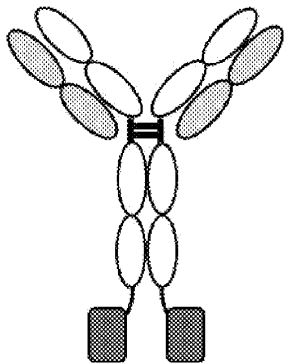
 L6

FIG. 1E



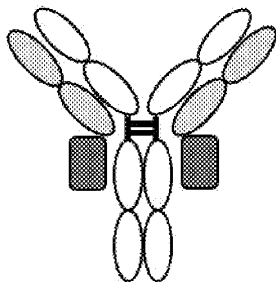
hIL-2 Cterm heavy chain df

FIG. 1F



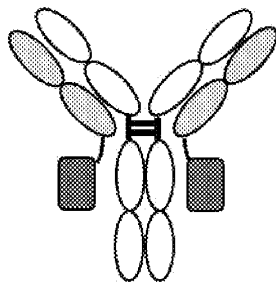
hIL-2 Cterm heavy chain
L6 fusion

FIG. 1G



hIL-2 Cterm light chain df

FIG. 1H



hIL-2 Cterm light chain
L6 fusion

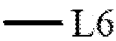


FIG. 2A

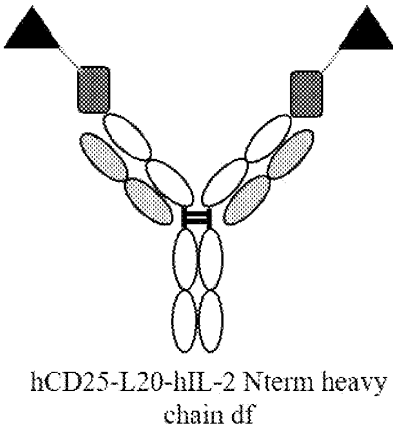


FIG. 2B

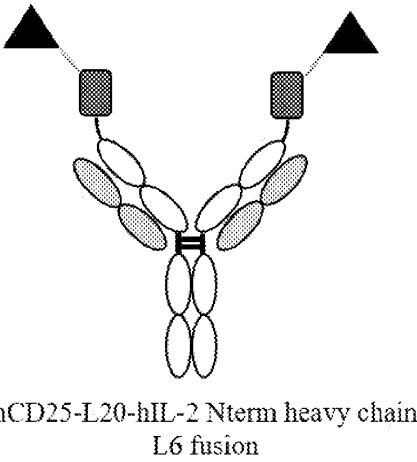


FIG. 2C

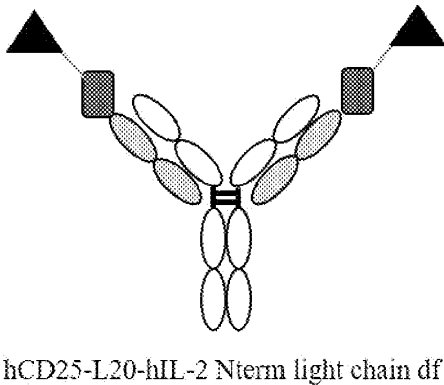


FIG. 2D

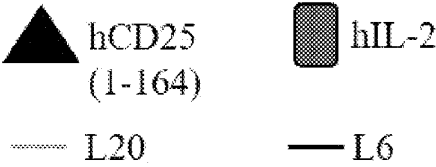
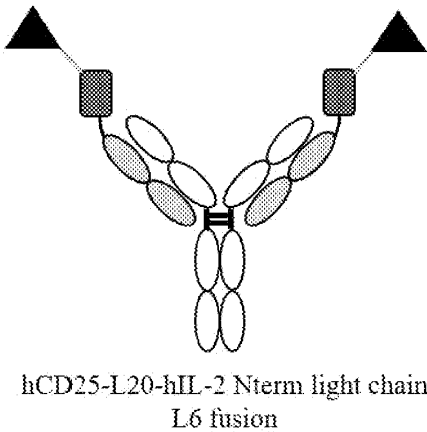
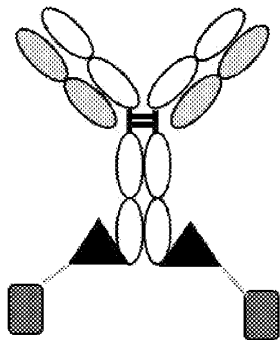
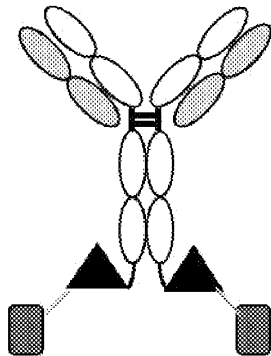


FIG. 2E



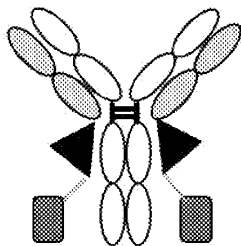
hCD25-L20-hIL-2 Cterm heavy chain df

FIG. 2F



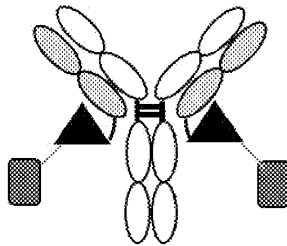
hCD25-L20-hIL-2 Cterm heavy chain
L6 fusion

FIG. 2G

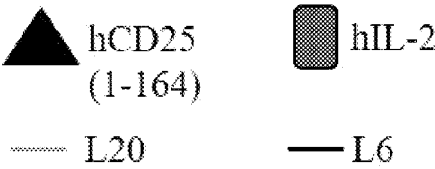


hCD25-L20-hIL-2 Cterm light chain df

FIG. 2H



hCD25-L20-hIL-2 Cterm light chain
L6 fusion



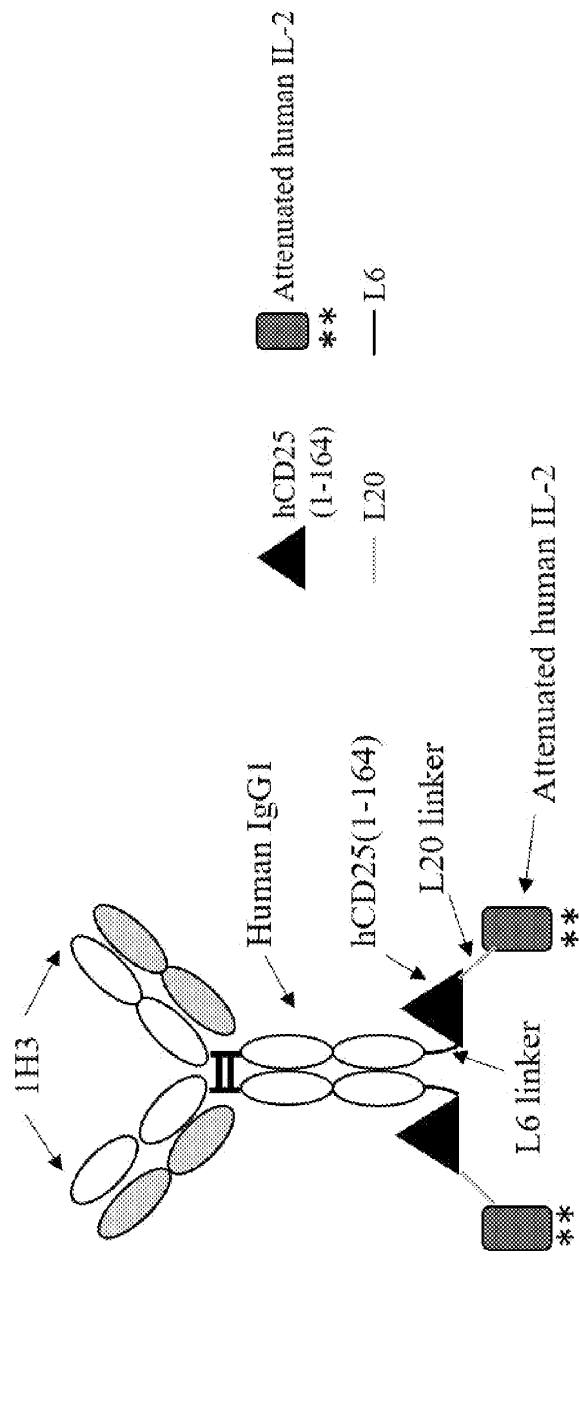


FIG. 3

FIG. 4A

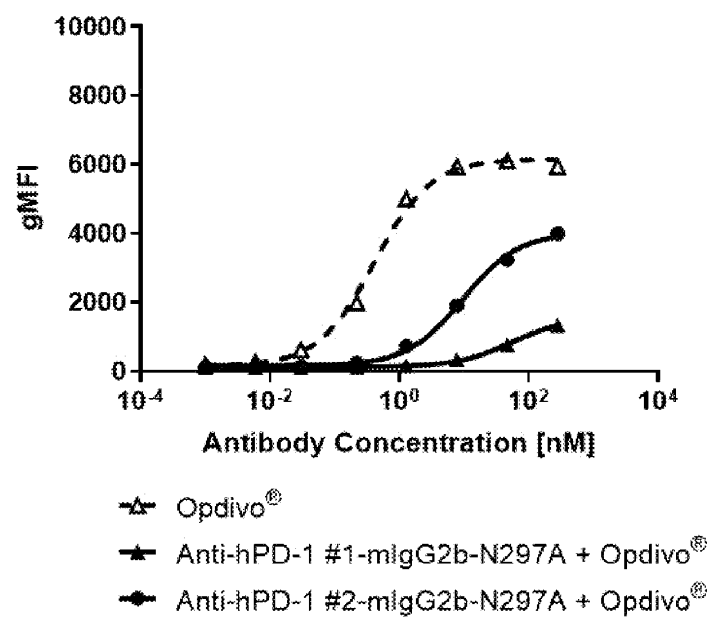


FIG. 4B

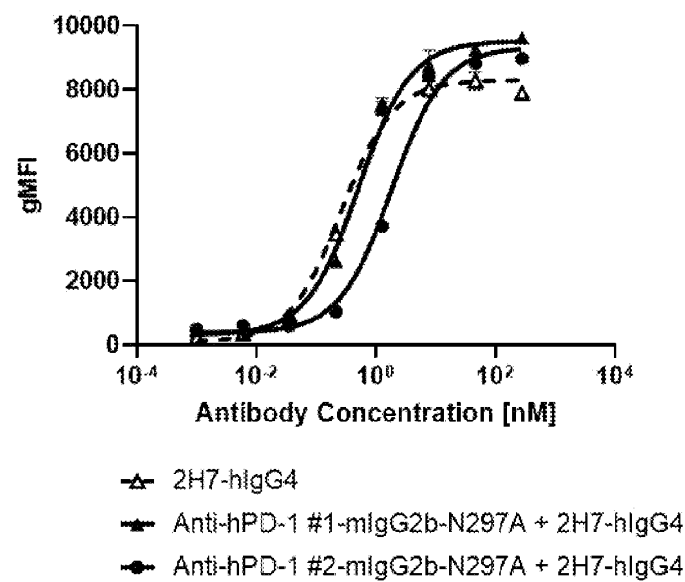


FIG. 4C

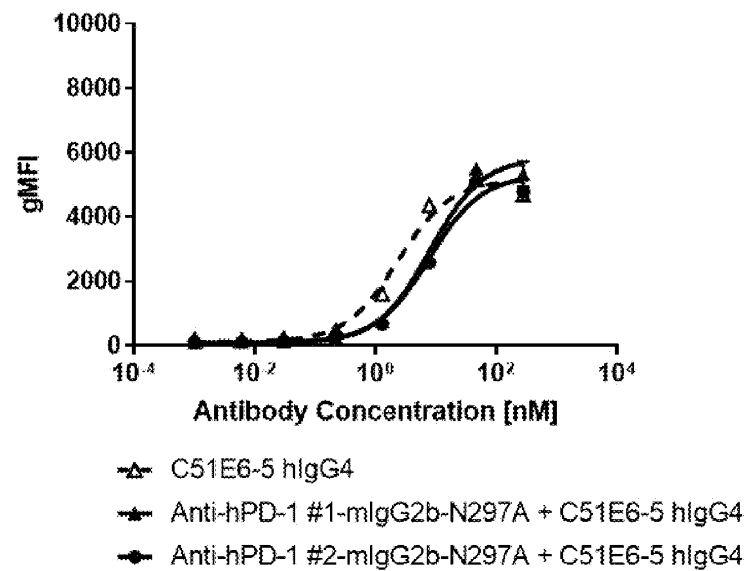


FIG. 4D

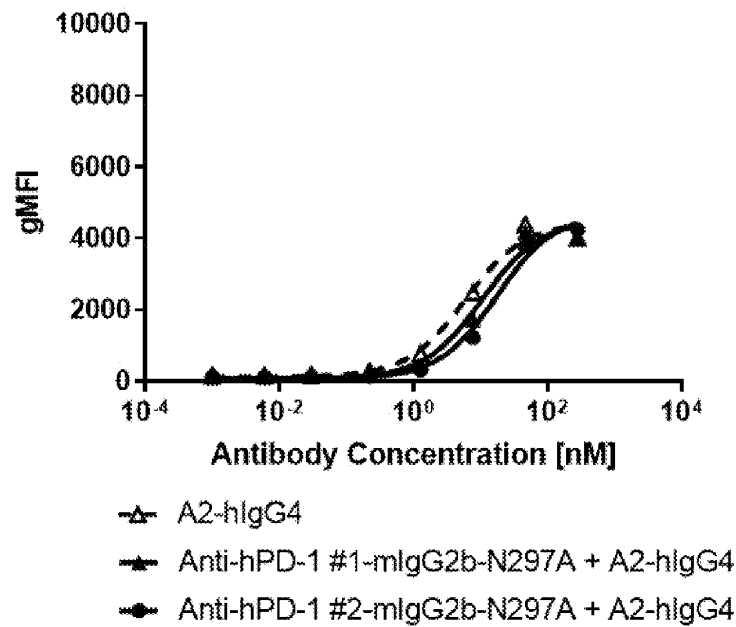


FIG. 5

Anti-hPD-1 antibody-attenuated hIL-2 fusions

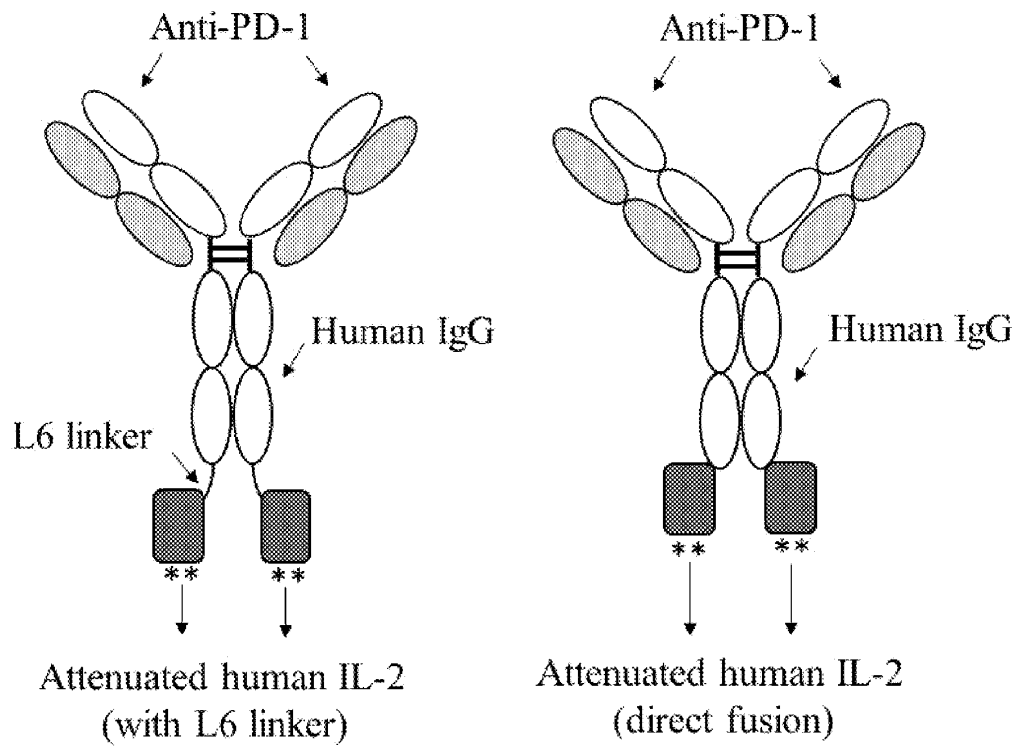


FIG. 6A

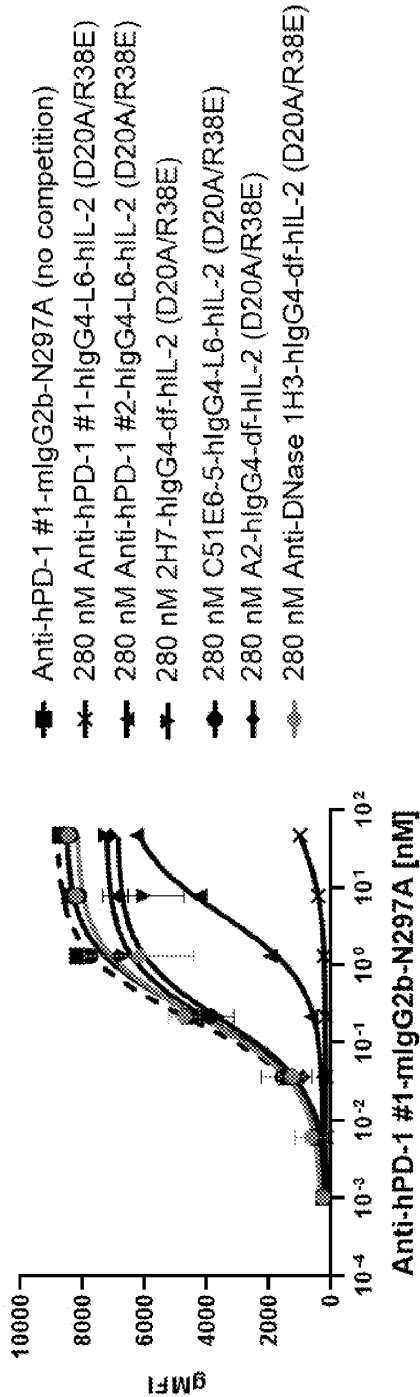
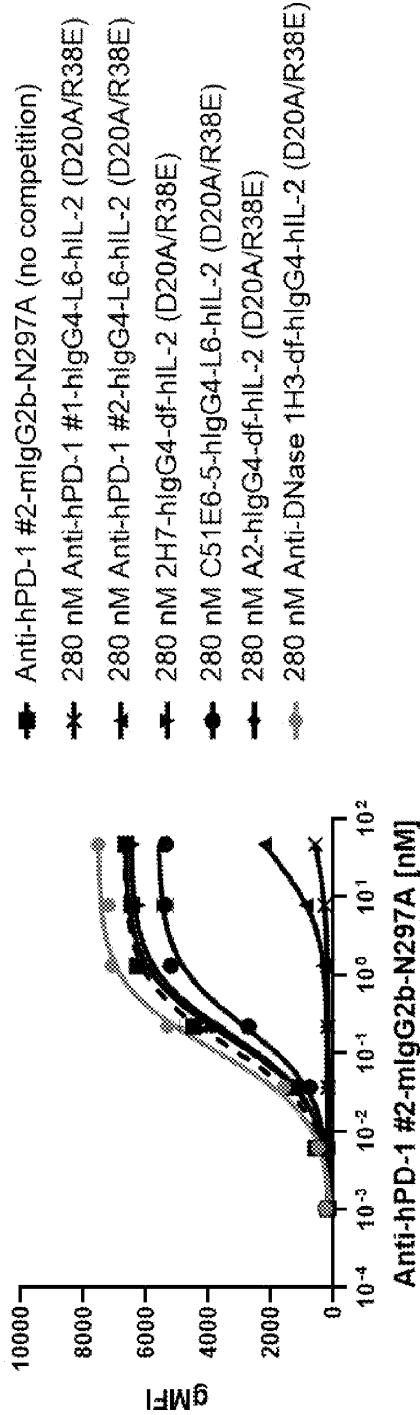


FIG. 6B



Fixed concentration of competing fusion proteins at 280 nM

FIG. 7

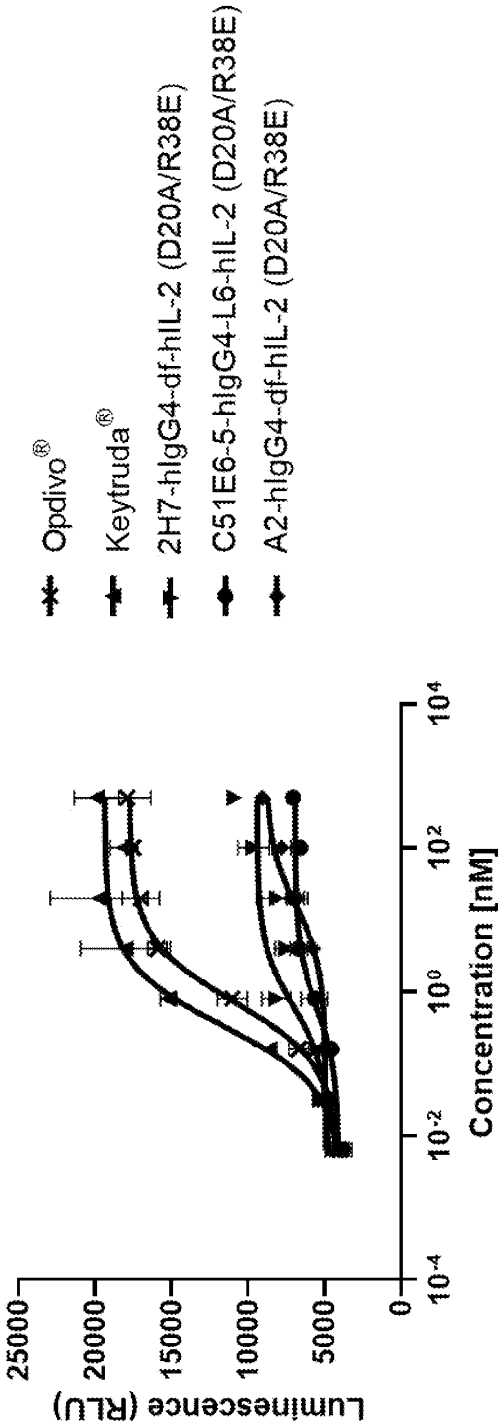


FIG. 8

MC38 colorectal solid tumor model

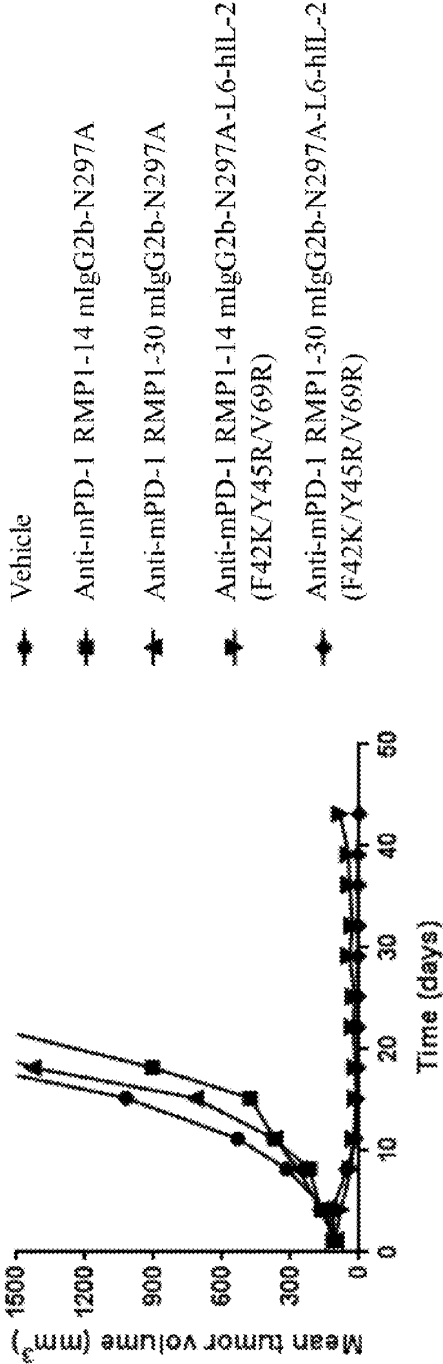


FIG. 9A

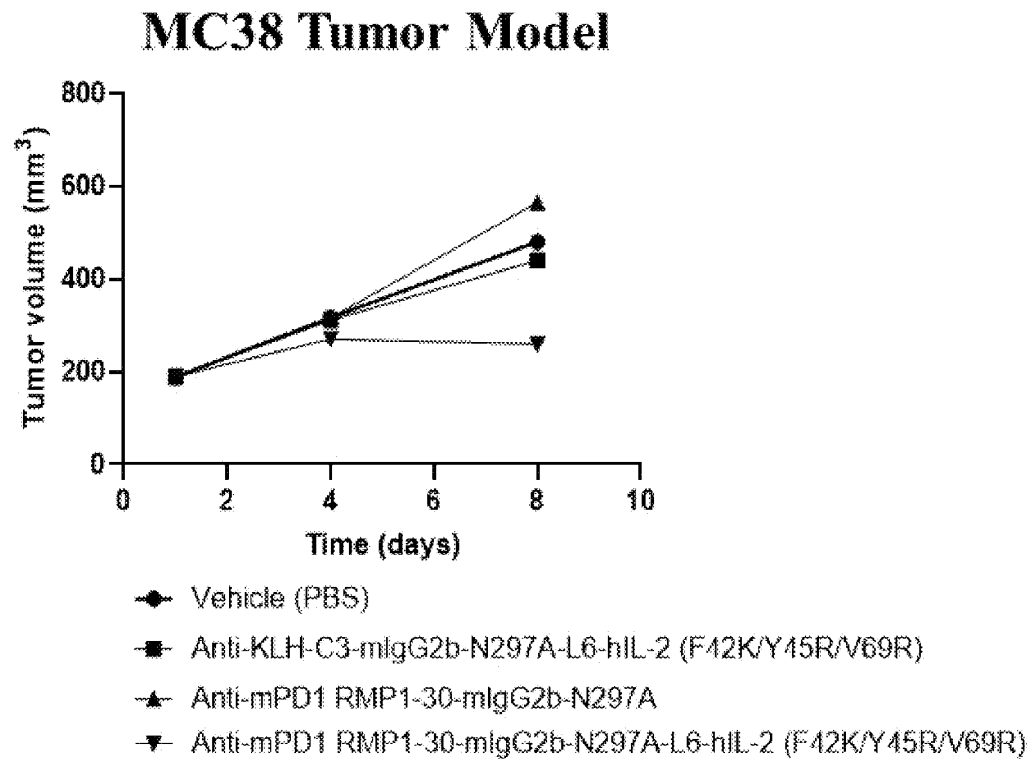


FIG. 9B

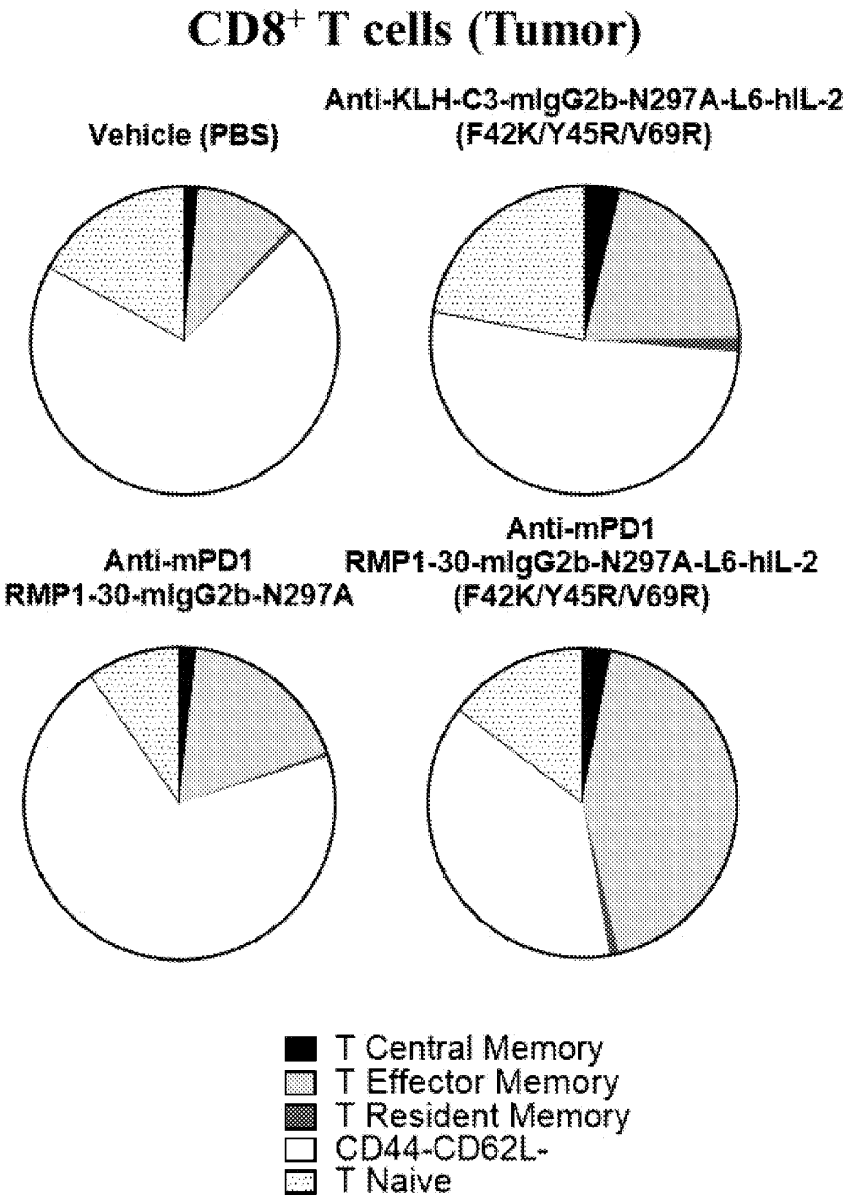


FIG. 9C

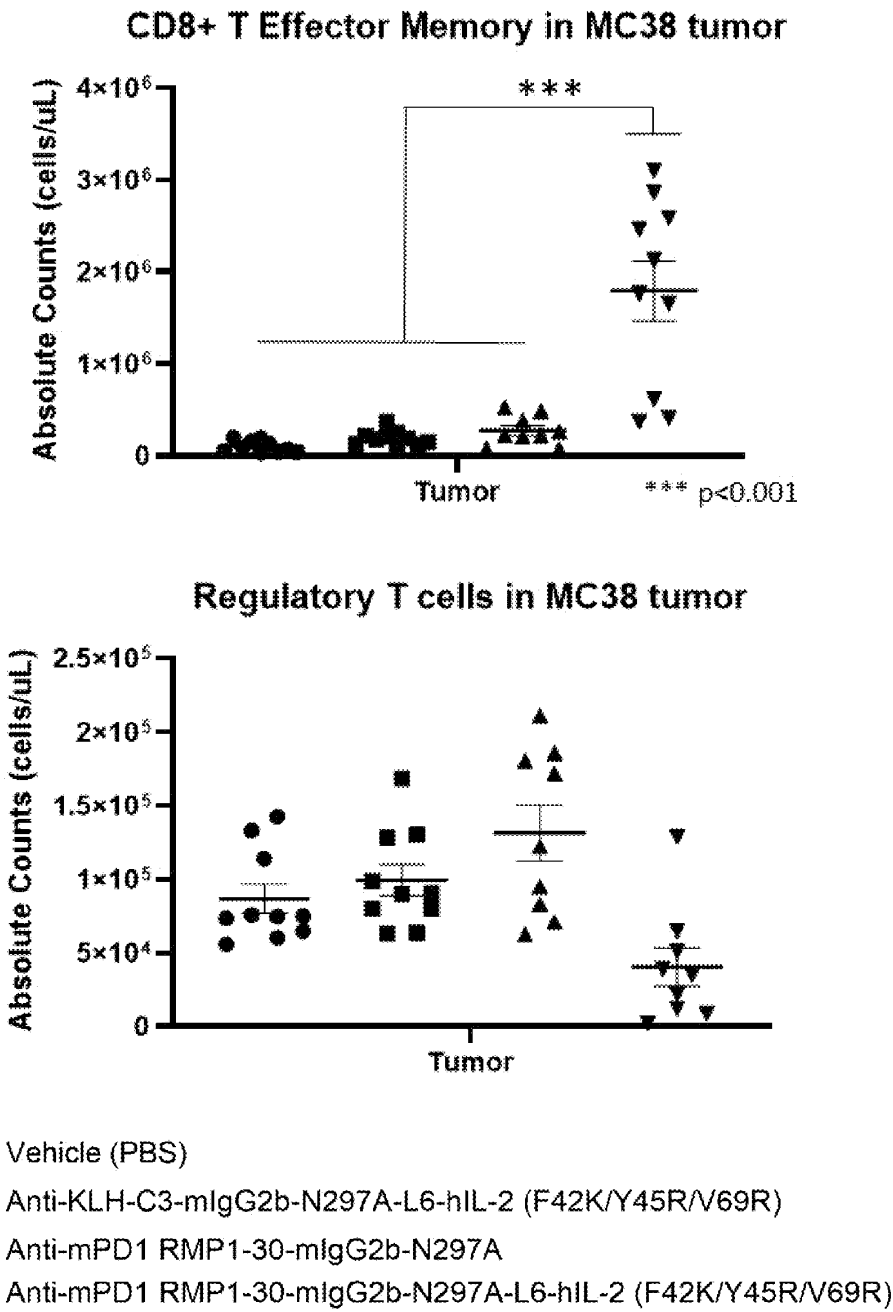
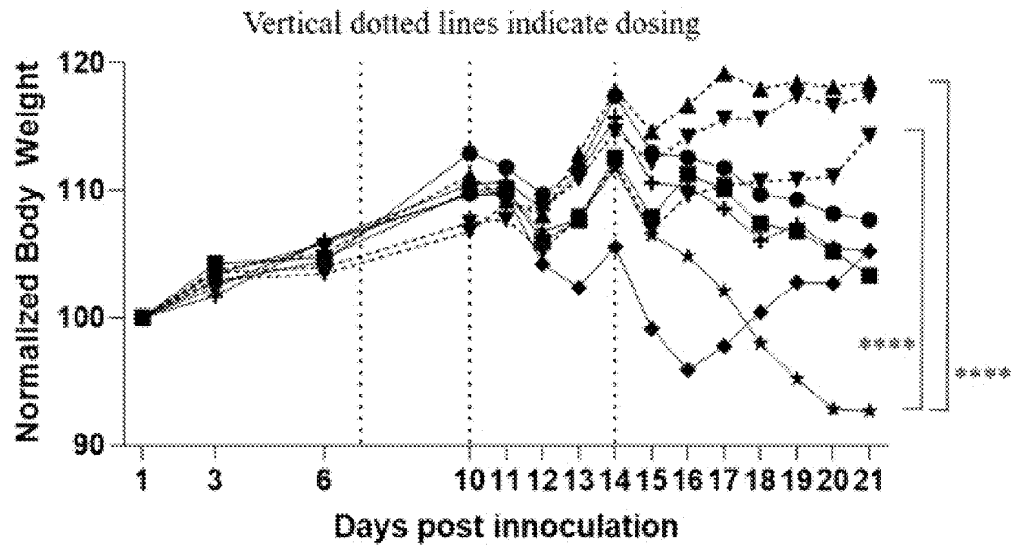


FIG. 10



- ▼ Vehicle (PBS)
- ◆ 1H3-hlgG1-LAGA-df-hIL-2 (T3A/C125A) 10 mg/kg
- ▼ 1H3-hlgG1-LAGA-df-hIL-2 (T3A/D20A/R38E/C125A) 5 mg/kg
- ▲ 1H3-hlgG1-LAGA-df-hIL-2 (T3A/D20A/R38E/C125A) 10 mg/kg
- 2H7-hlgG1-LAGA-df-hIL-2 (T3A/D20A/R38E/C125A) 2.5 mg/kg
- 2H7-hlgG1-LAGA-df-hIL-2 (T3A/D20A/R38E/C125A) 5 mg/kg
- ★ 2H7-hlgG1-LAGA-df-hIL-2 (T3A/D20A/R38E/C125A) 10 mg/kg
- + 2H7-hlgG1-LAGA-df-hIL-2 (T3A/R38E/I92K/C125A) 5 mg/kg

**** $p \leq 0.0001$

FIG. 11A

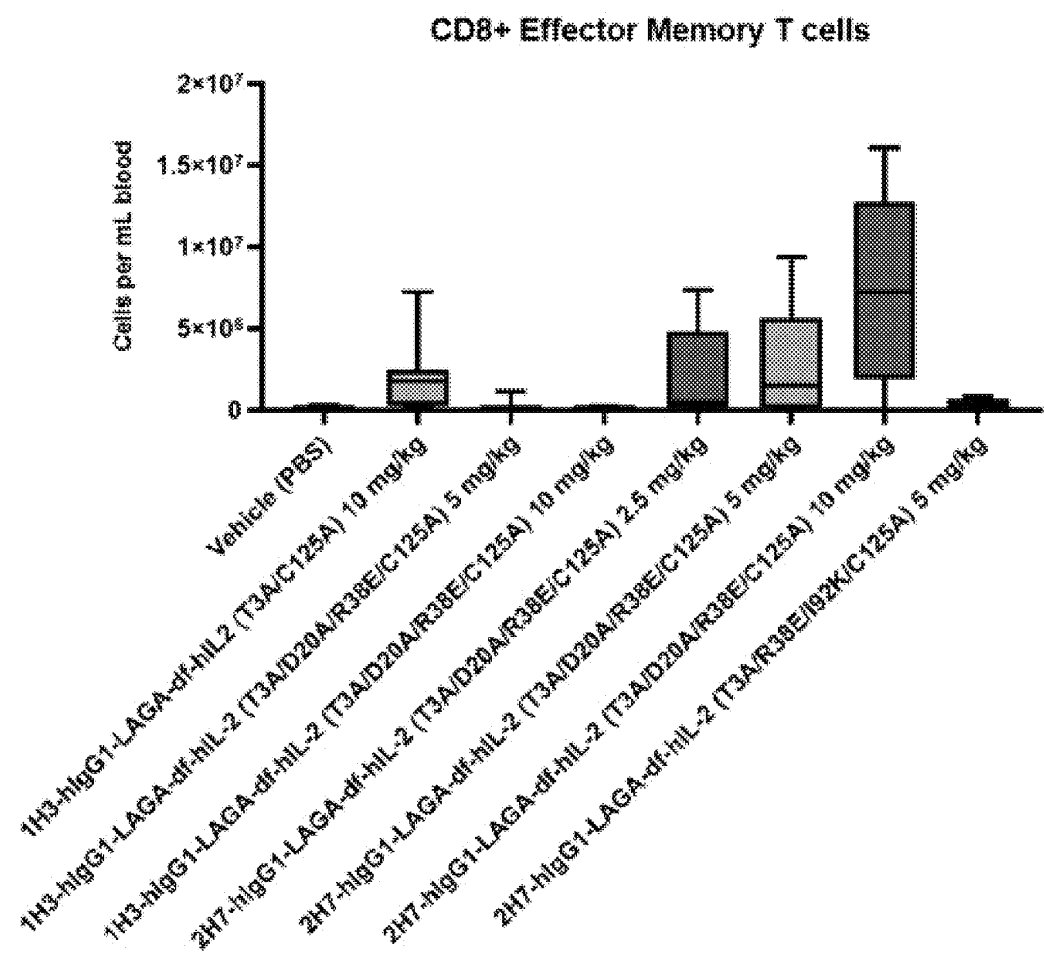


FIG. 11B

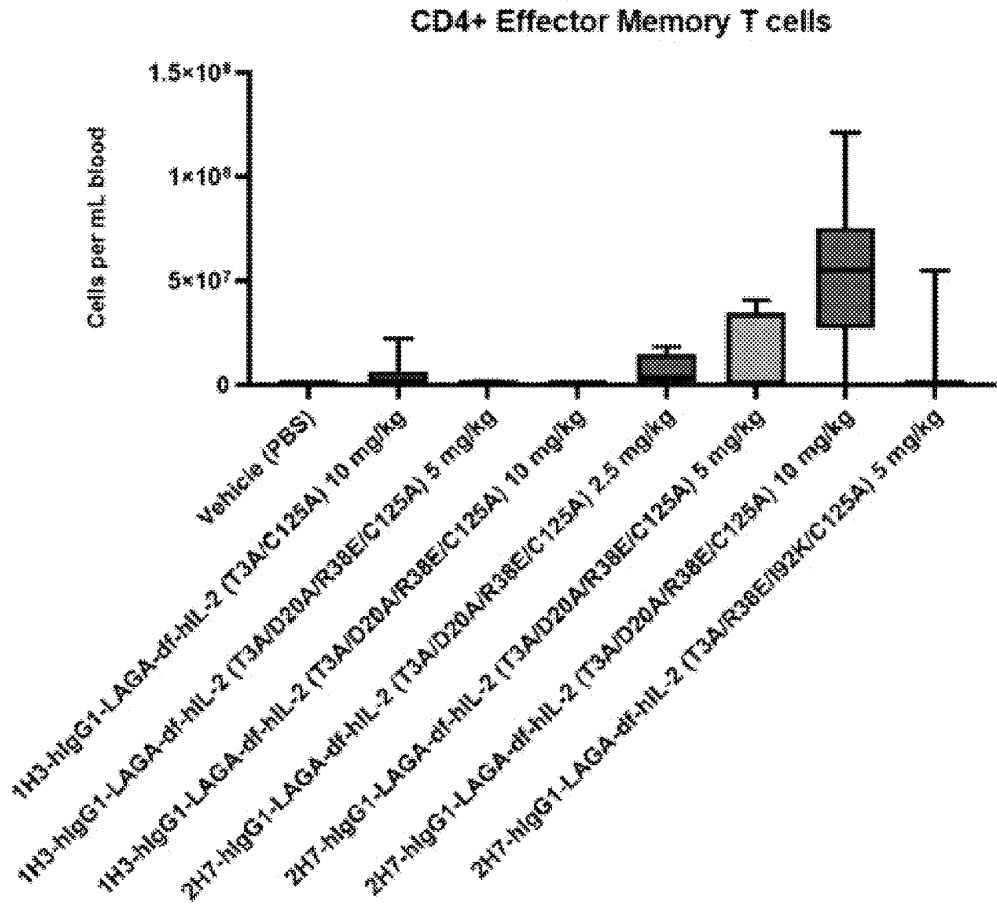


FIG. 12

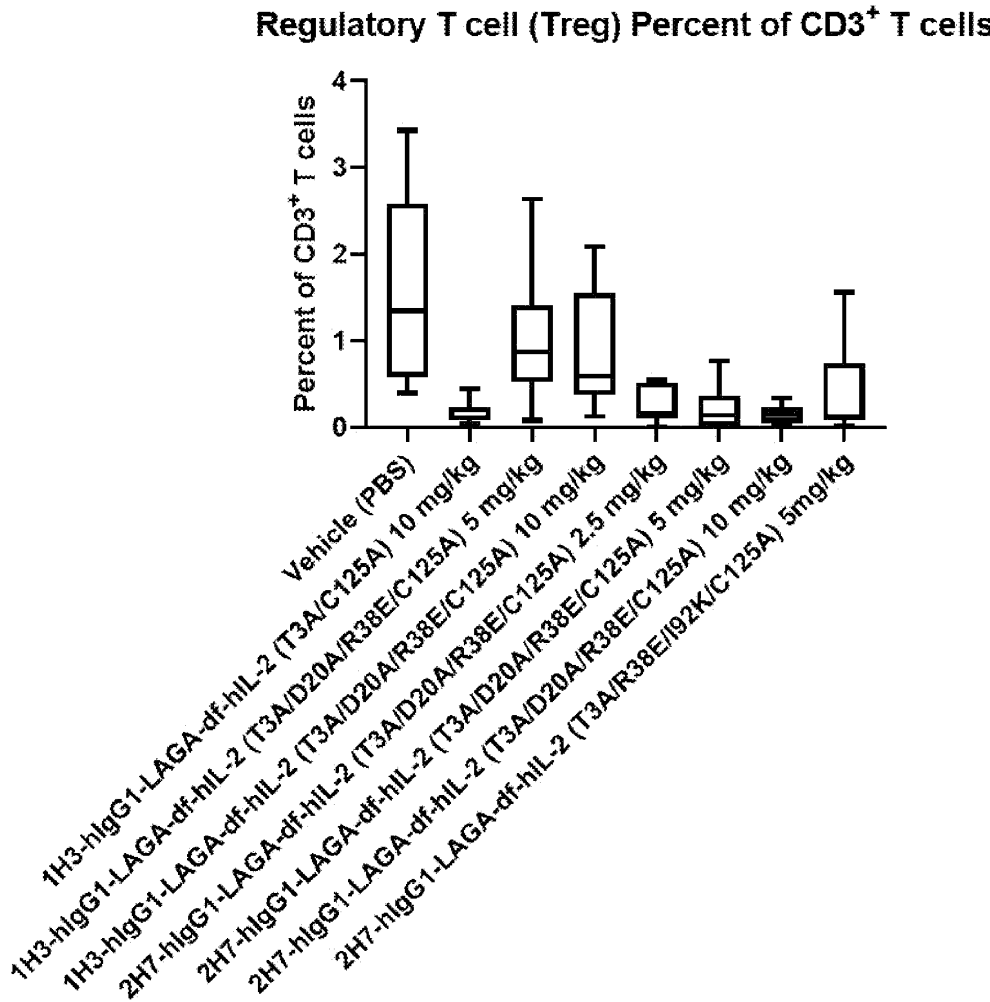


FIG. 13A

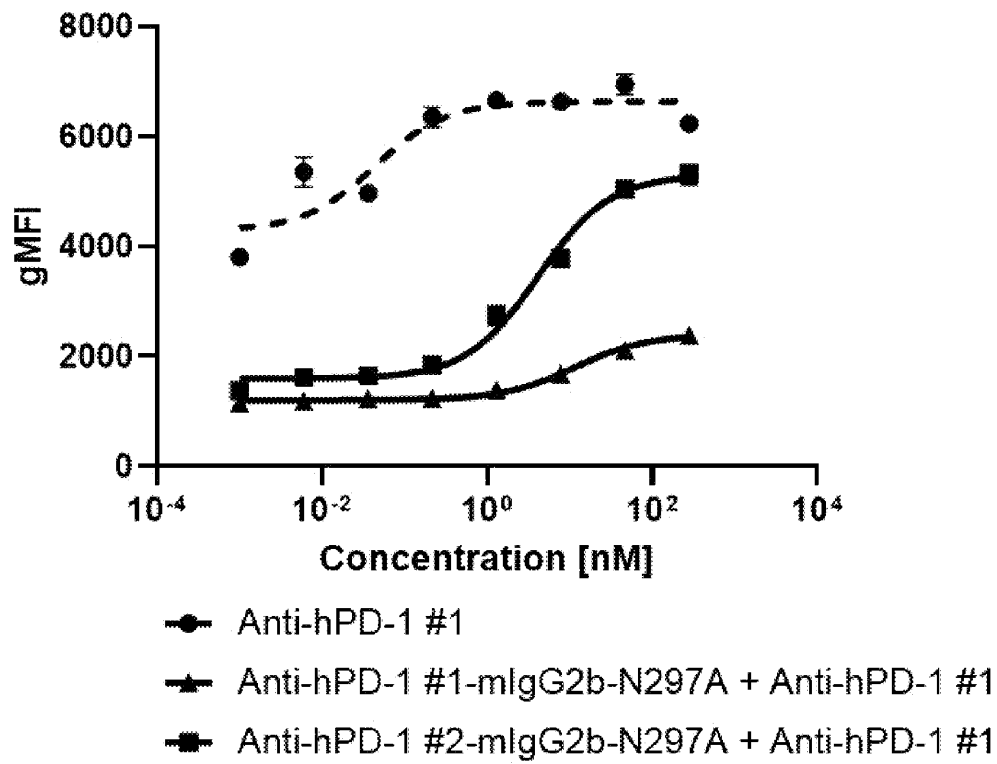


FIG. 13B

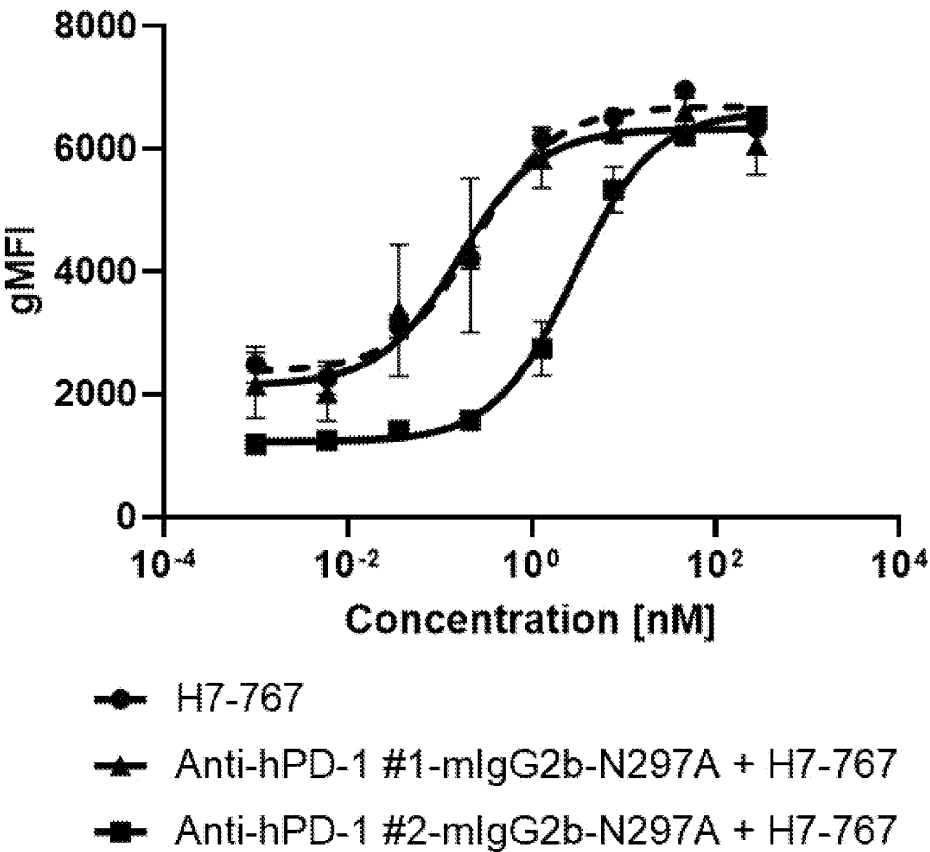


FIG. 14A

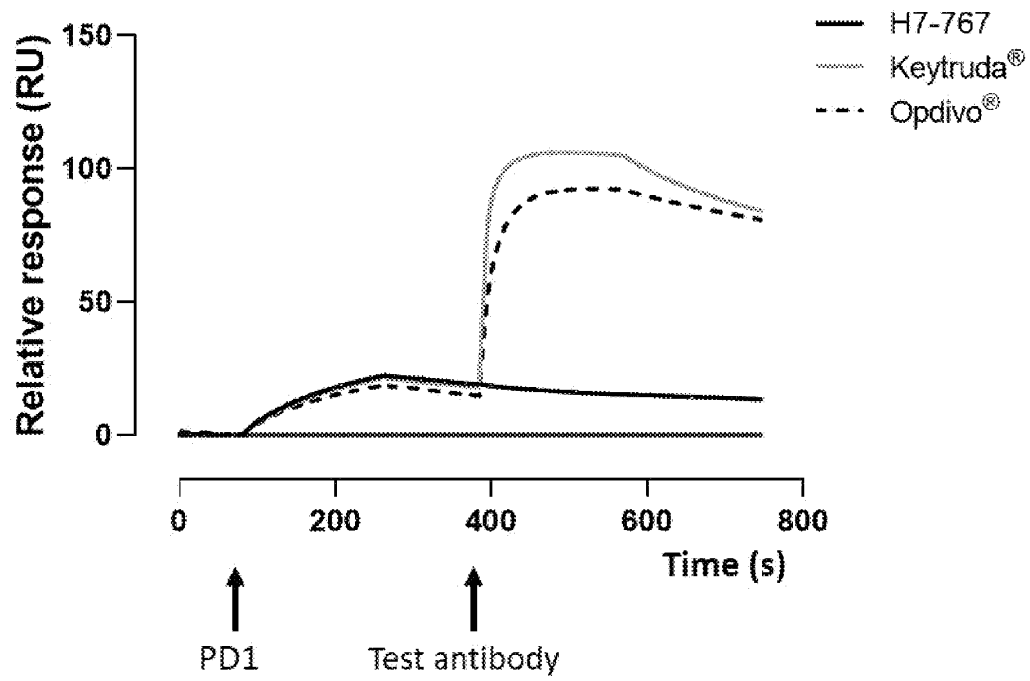
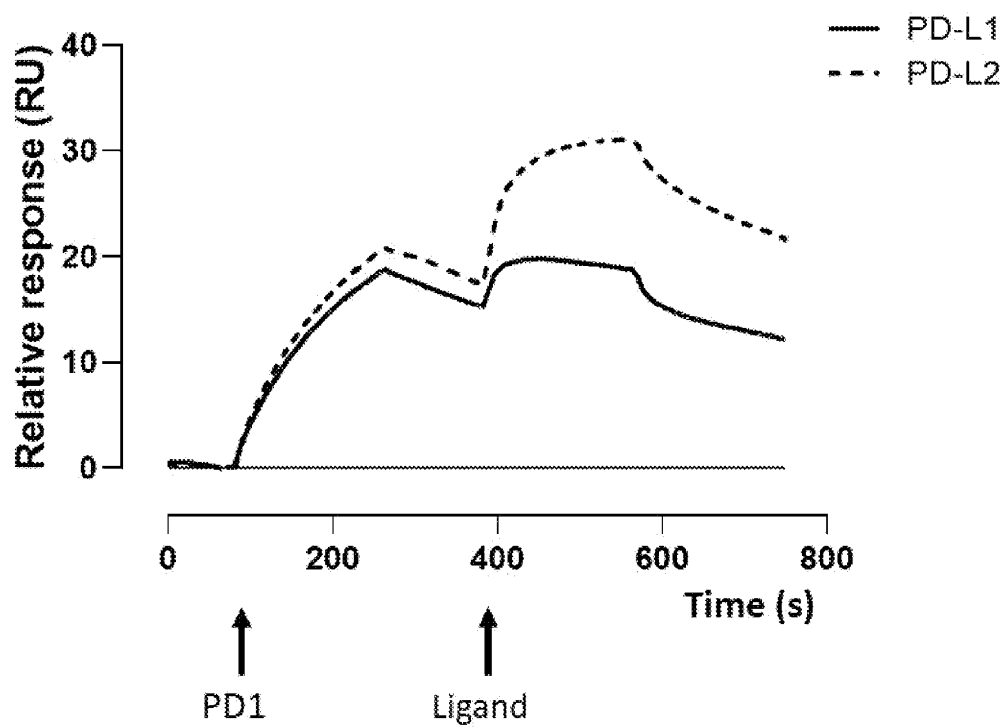


FIG. 14B



102085.002049_BIO040-WO01

FIG. 15

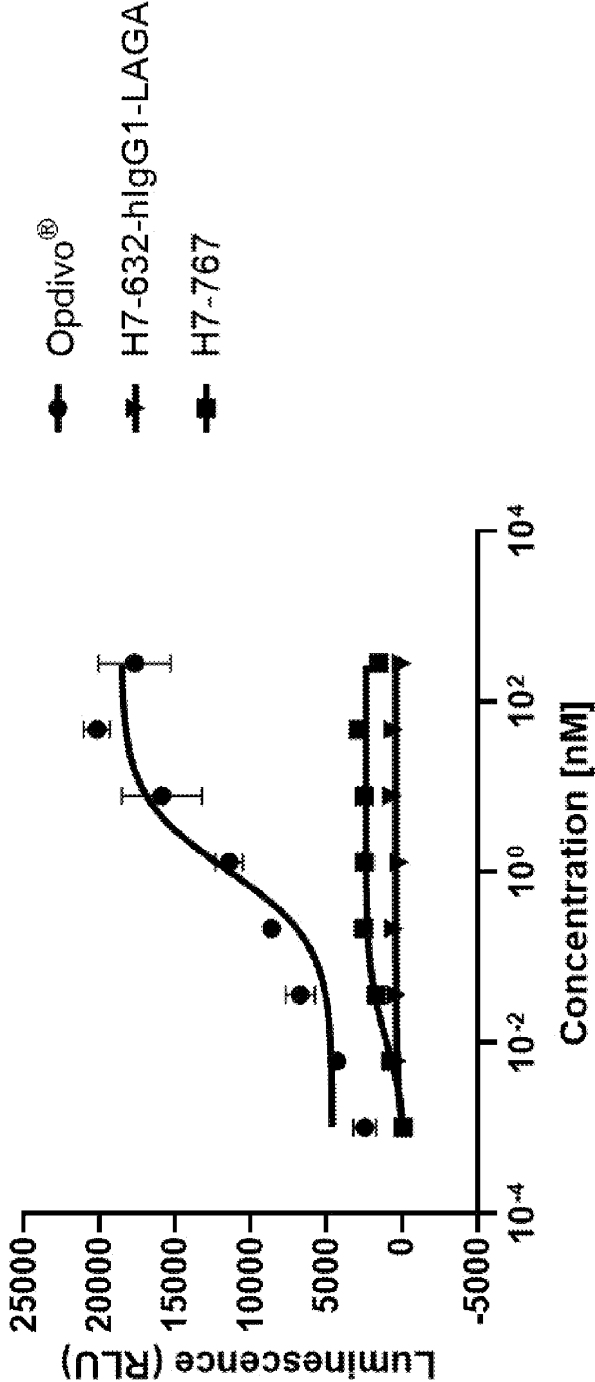


FIG. 16A

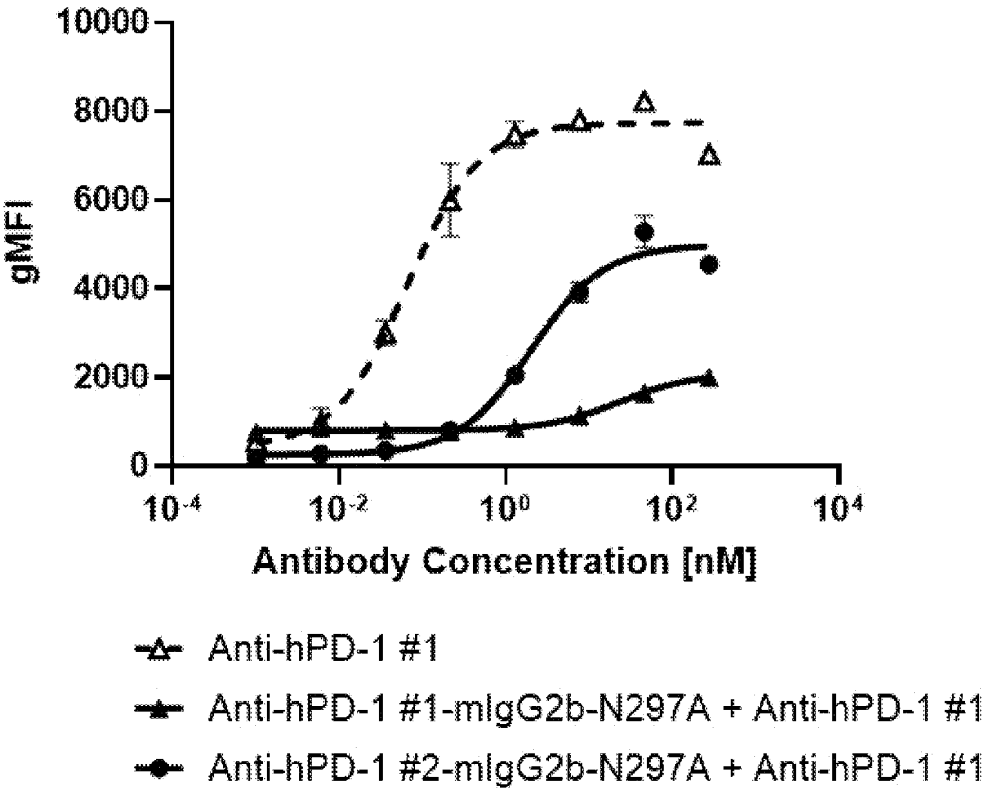


FIG. 16B

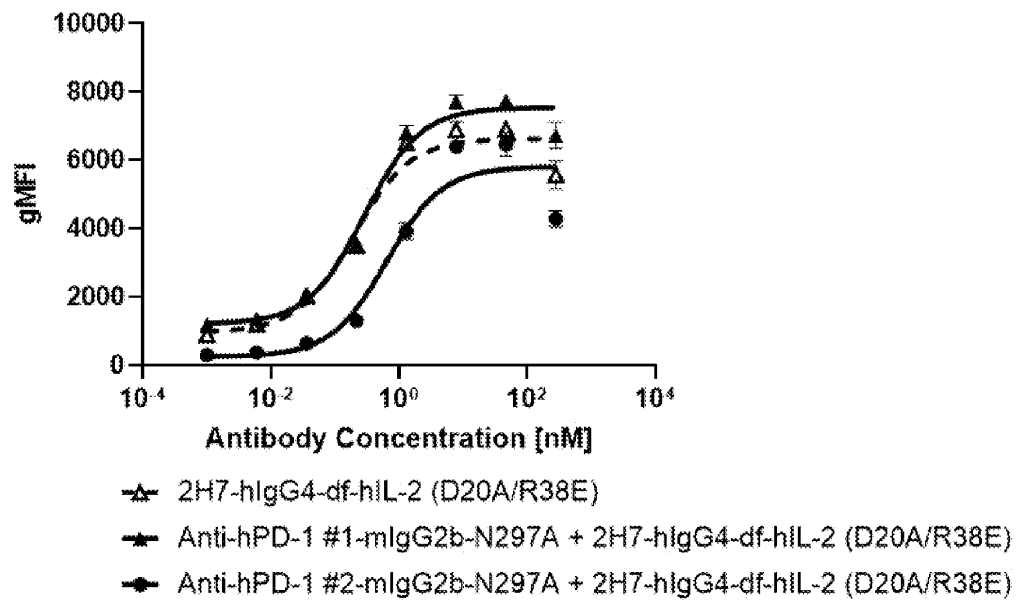


FIG. 16C

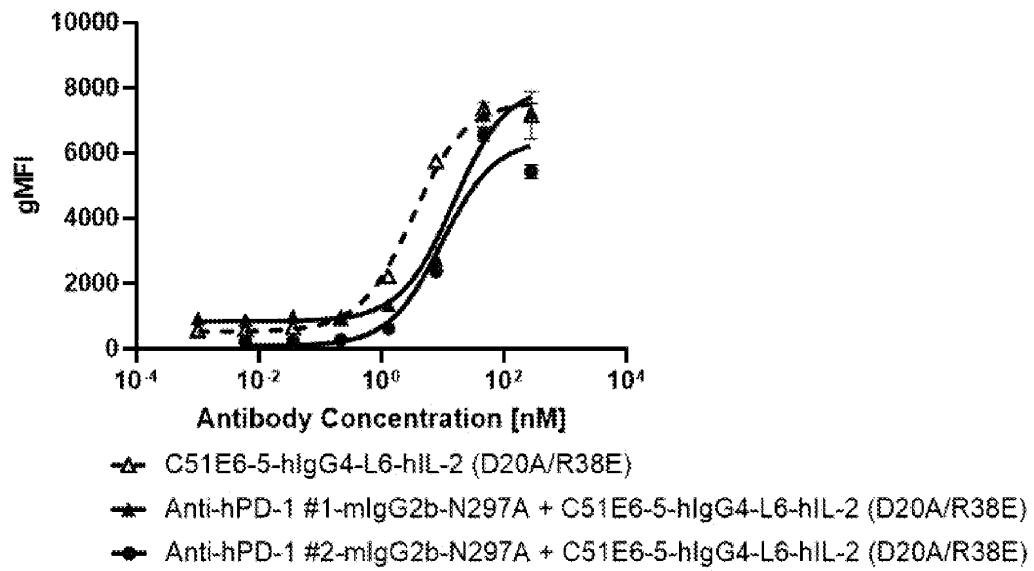


FIG. 16D

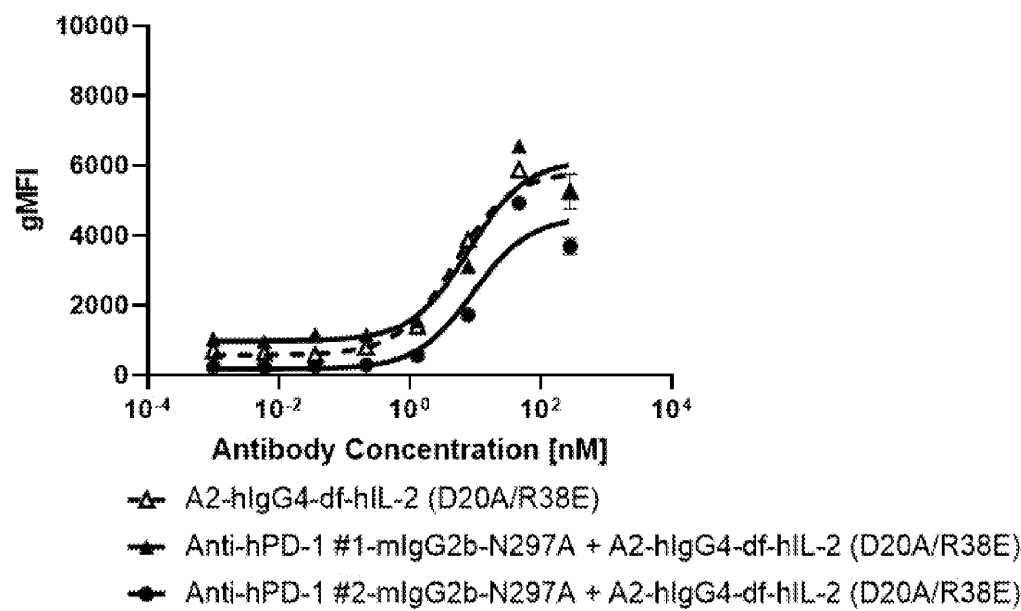
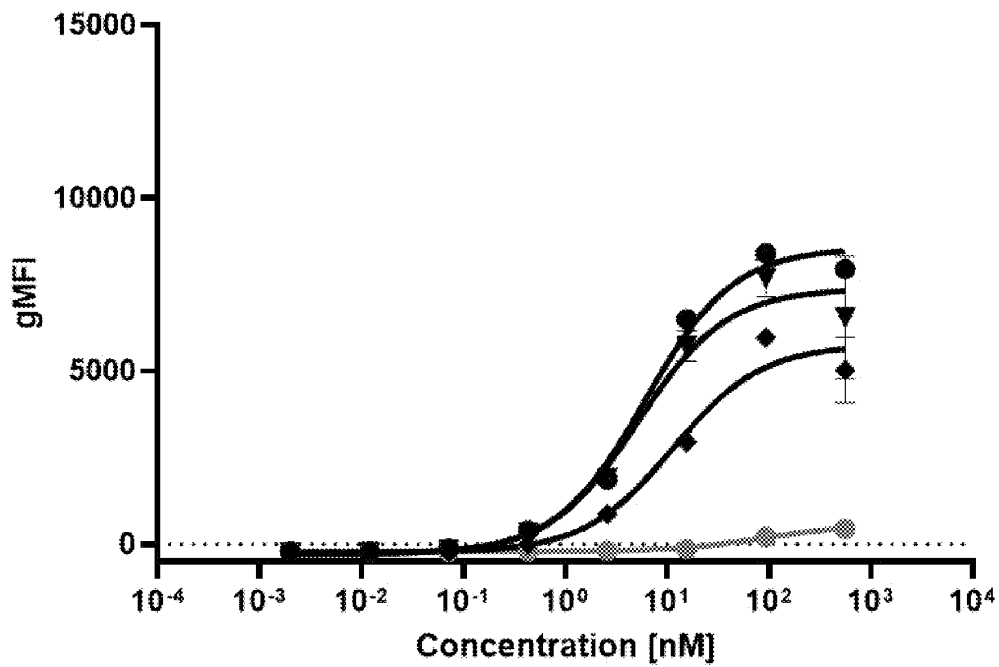
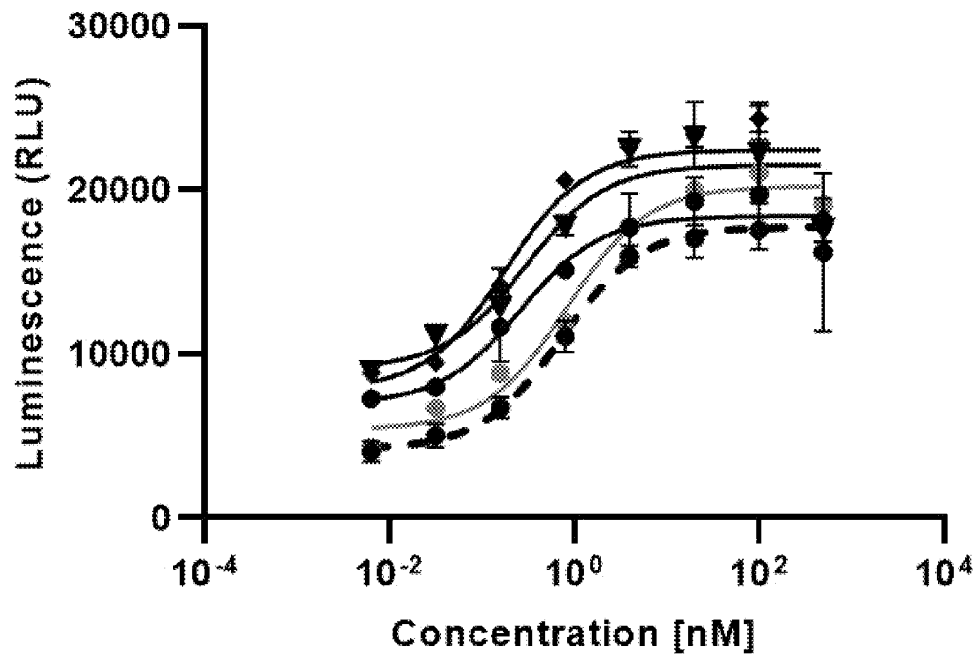


FIG. 17



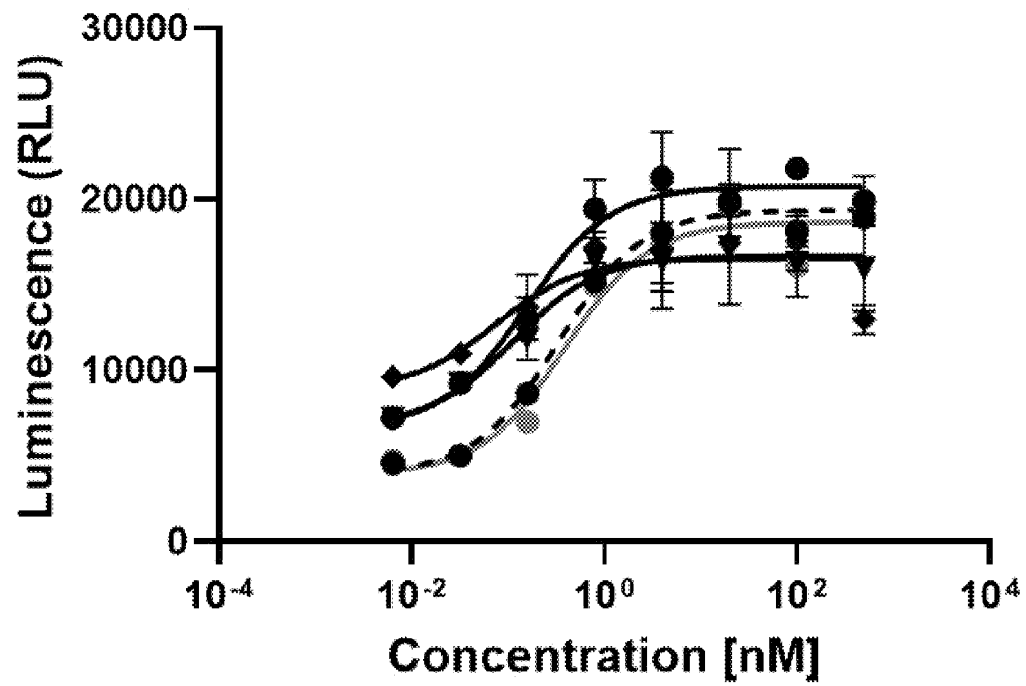
- ▼ 2H7-hlgG4-df-hIL-2 (D20A/R38E)
- C51E6-5-hlgG4-L6-hIL-2 (D20A/R38E)
- ◆ A2-hlgG4-df-hIL-2 (D20A/R38E)
- ⊠ Anti-DNase 1H3-hlgG4-df-hIL-2 (D20A/R38E)

FIG. 18A



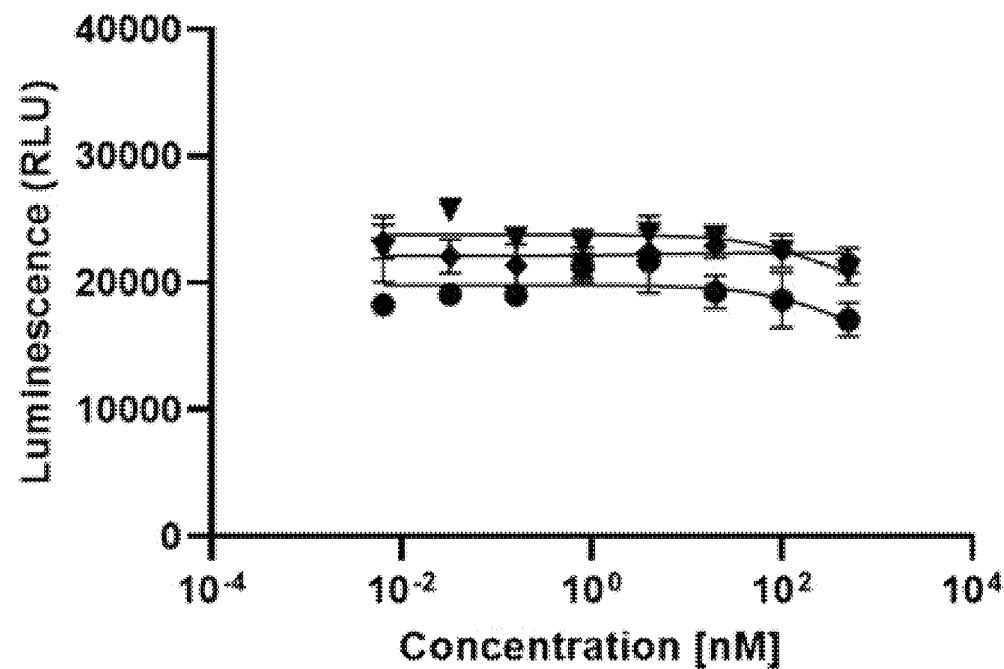
- Anti-hPD-1 #1
- ▼ 100 nM 2H7-hIgG4-df-hIL-2 (D20A/R38E) + Anti-hPD-1 #1
- 100 nM C51E6-5-hIgG4-L6-hIL-2 (D20A/R38E) + Anti-hPD-1 #1
- ◆ 100 nM A2-hIgG4-df-hIL-2 (D20A/R38E) + Anti-hPD-1 #1
- ◆ 100 nM Anti-DNase 1H3-hIgG4-df-hIL-2 (D20A/R38E) + Anti-hPD-1 #1

FIG. 18B



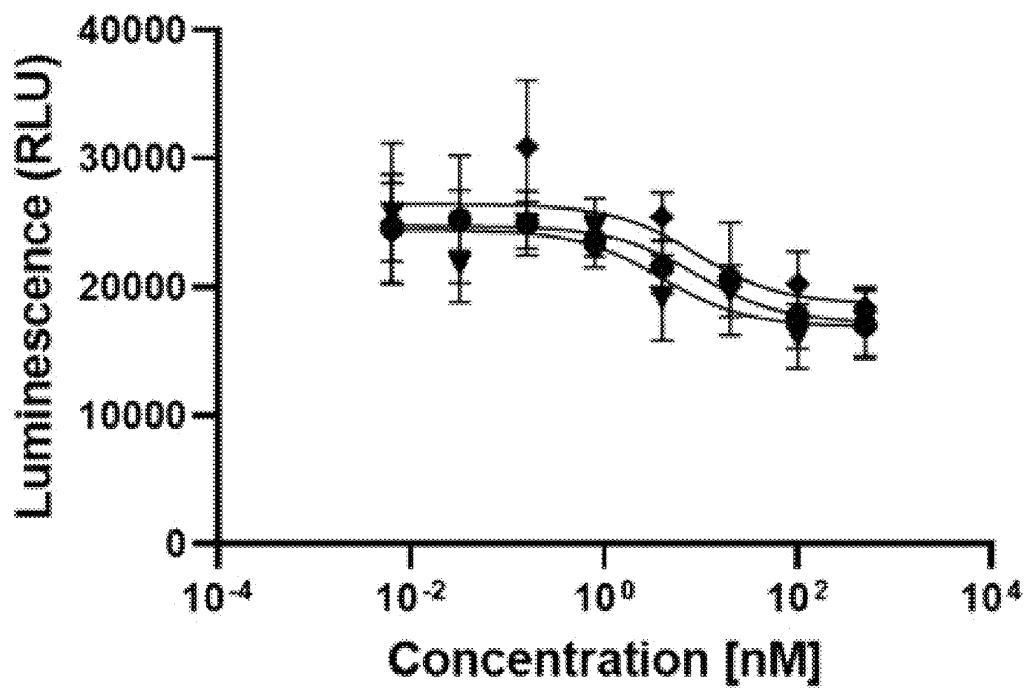
- Anti-hPD-1 #2
- ◆ 100 nM 2H7-hlgG4-df-hIL-2 (D20A/R38E) + Anti-hPD-1 #2
- ▼ 100 nM C51E6-5-hlgG4-L6-hIL-2 (D20A/R38E) + Anti-hPD-1 #2
- 100 nM A2-hlgG4-df-hIL-2 (D20A/R38E) + Anti-hPD-1 #2
- ◆ 100 nM Anti-DNase 1H3-hlgG4-df-hIL-2 (D20A/R38E) + Anti-hPD-1 #2

FIG. 18C



- ▼ 100 nM Anti-hPD-1 #1 + 2H7-hIgG4-df-hIL-2 (D20A/R38E)
- 100 nM Anti-hPD-1 #1 + C51E6-5-hIgG4-L6-hIL-2 (D20A/R38E)
- ◆ 100 nM Anti-hPD-1 #1 + A2-hIgG4-df-hIL-2 (D20A/R38E)

FIG. 18D



- ▼ 100 nM Anti-hPD-1 #2 + 2H7-hlgG4-df-hIL-2 (D20A/R38E)
- 100 nM Anti-hPD-1 #2 + C51E6-5-hlgG4-L6-hIL-2 (D20A/R38E)
- ◆ 100 nM Anti-hPD-1 #2 + A2-hlgG4-df-hIL-2 (D20A/R38E)

FIG. 19

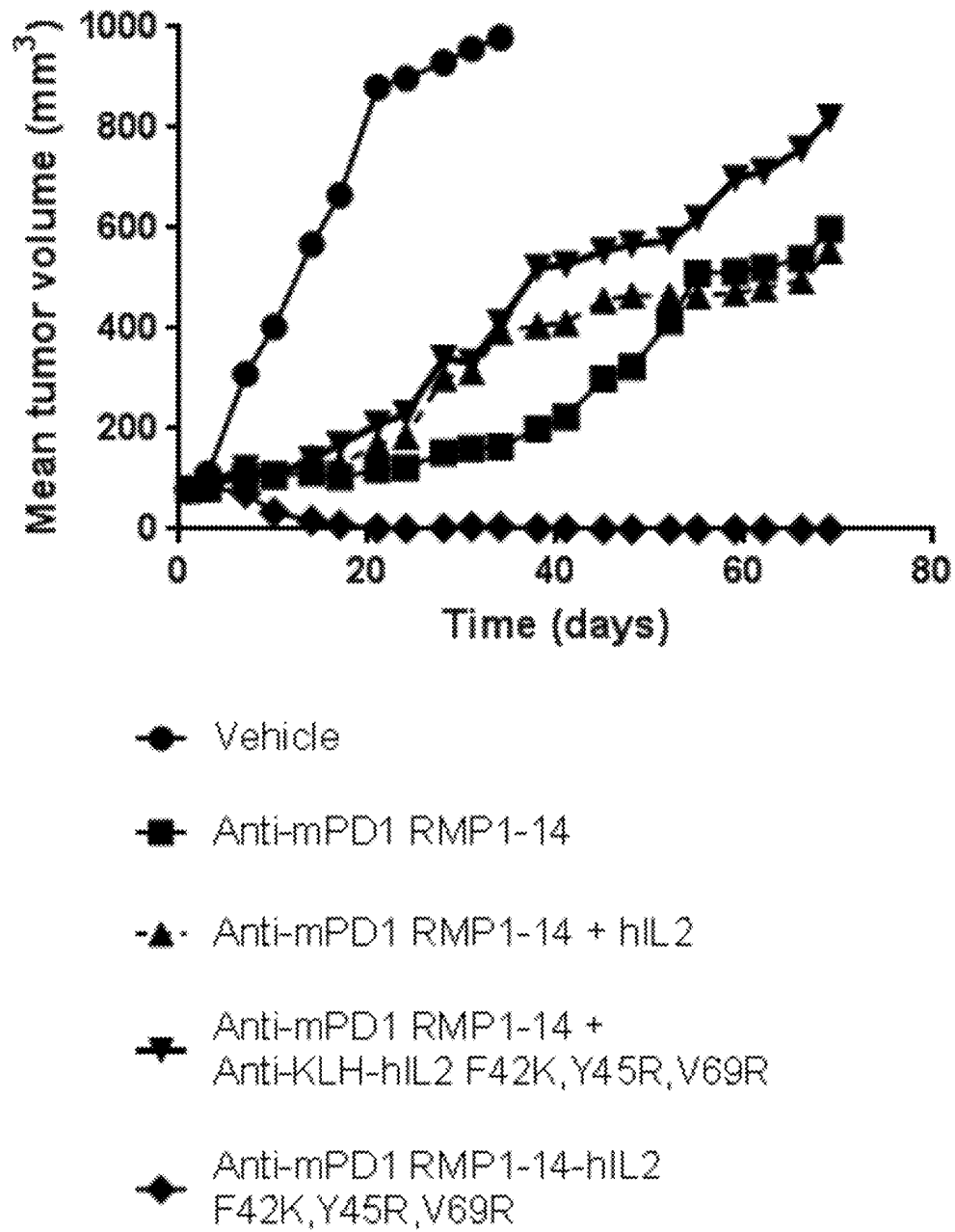
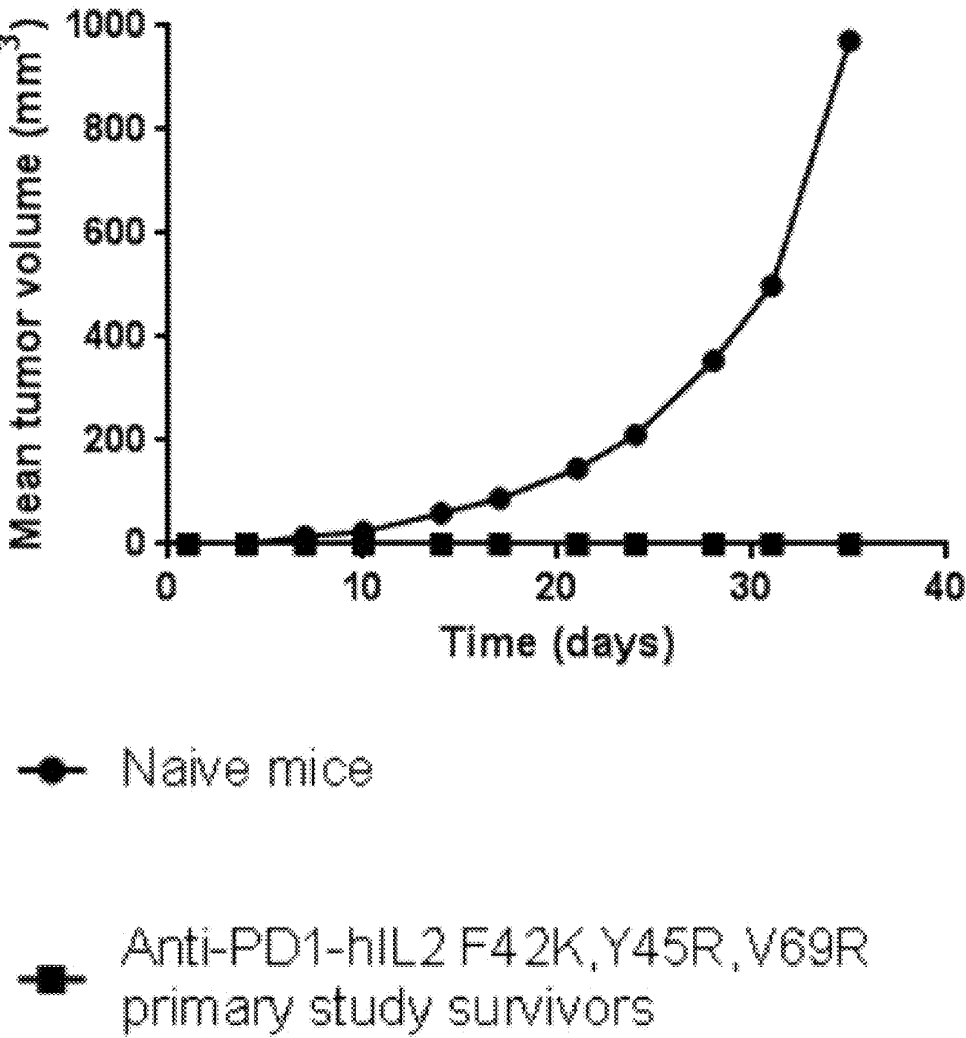


FIG. 20



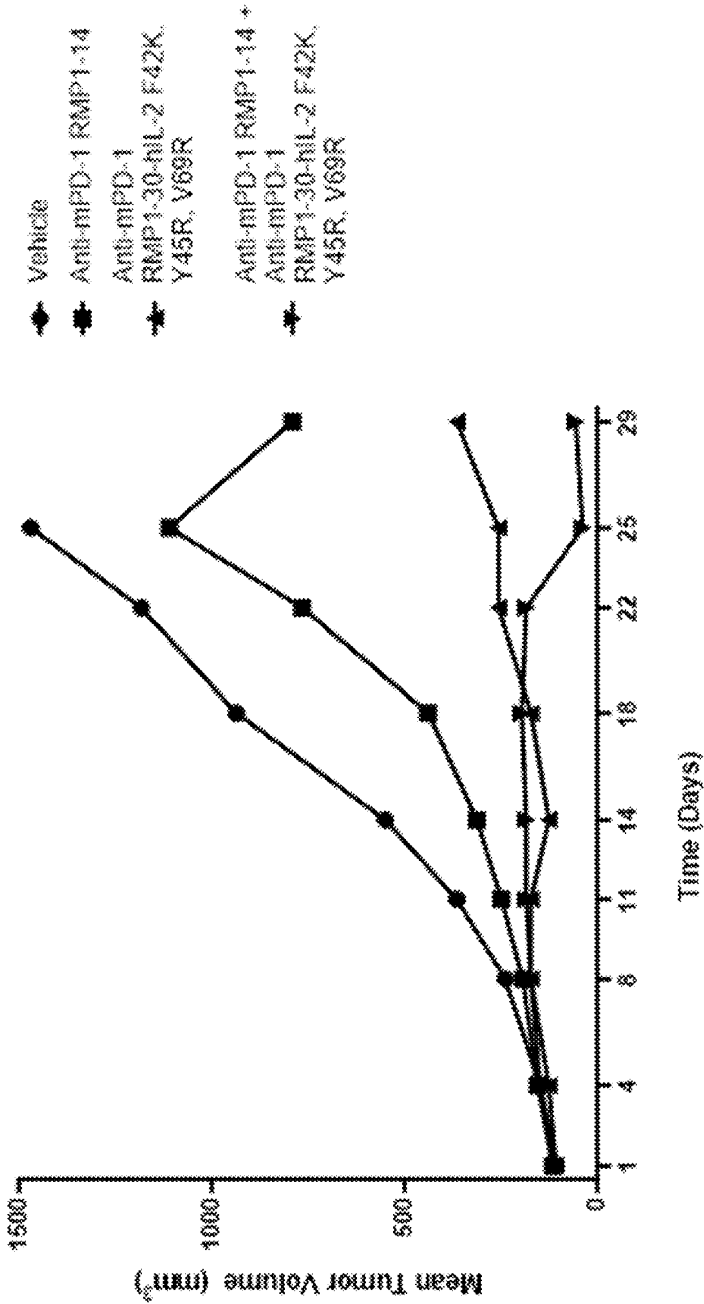


FIG. 21