

Fig. 1

FIG.1A

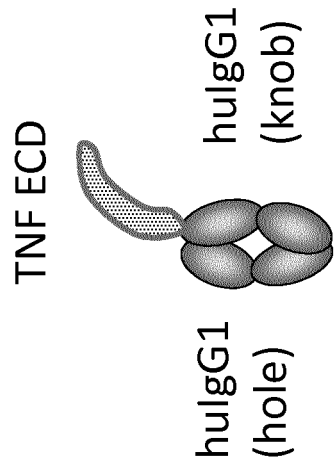


FIG.1B

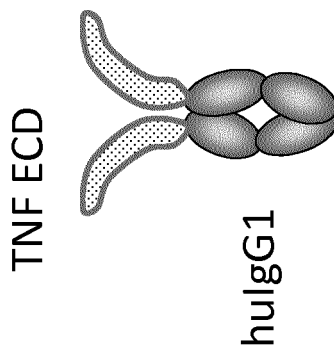


FIG.1C

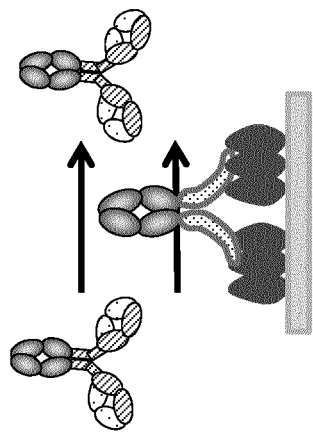


Fig. 2

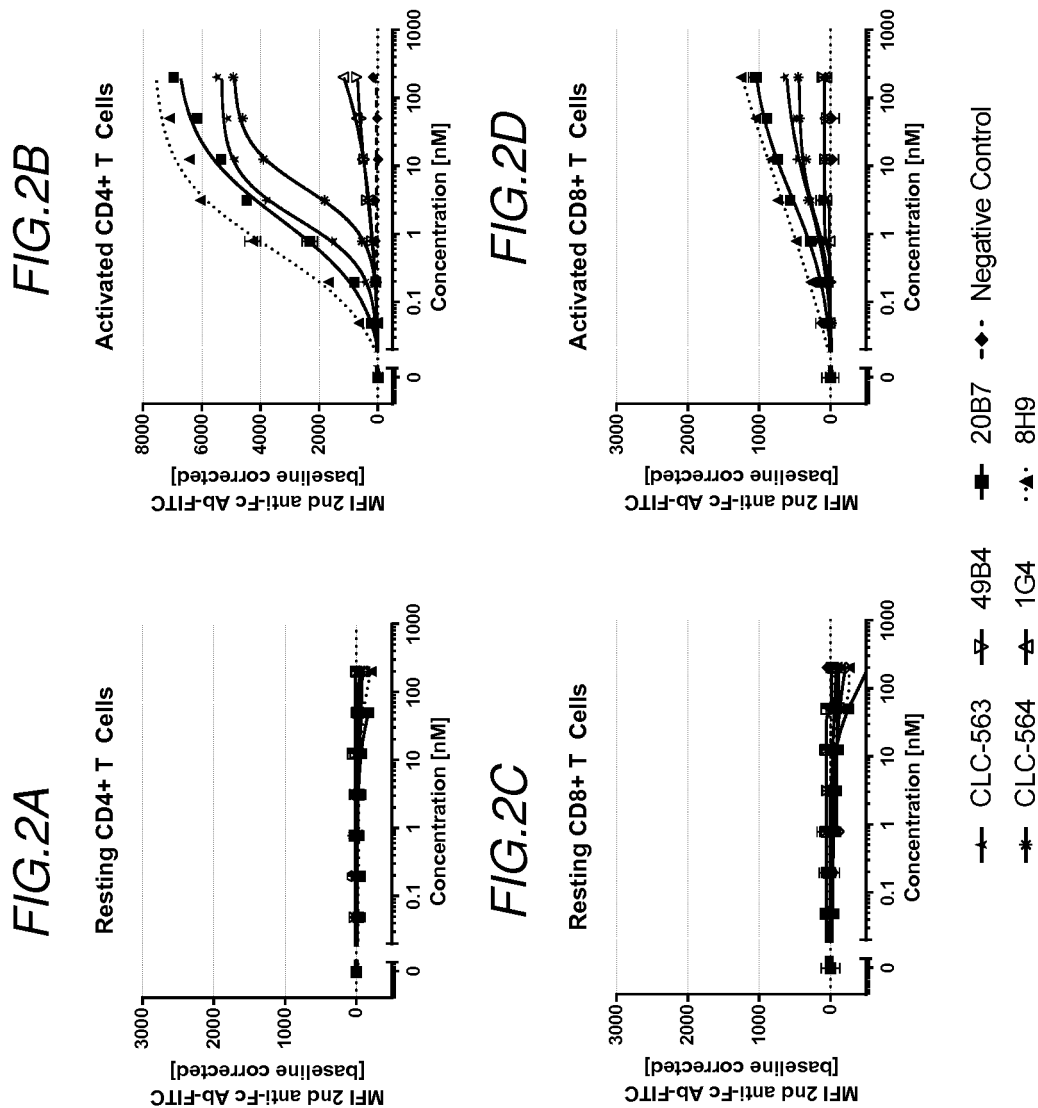


Fig. 3

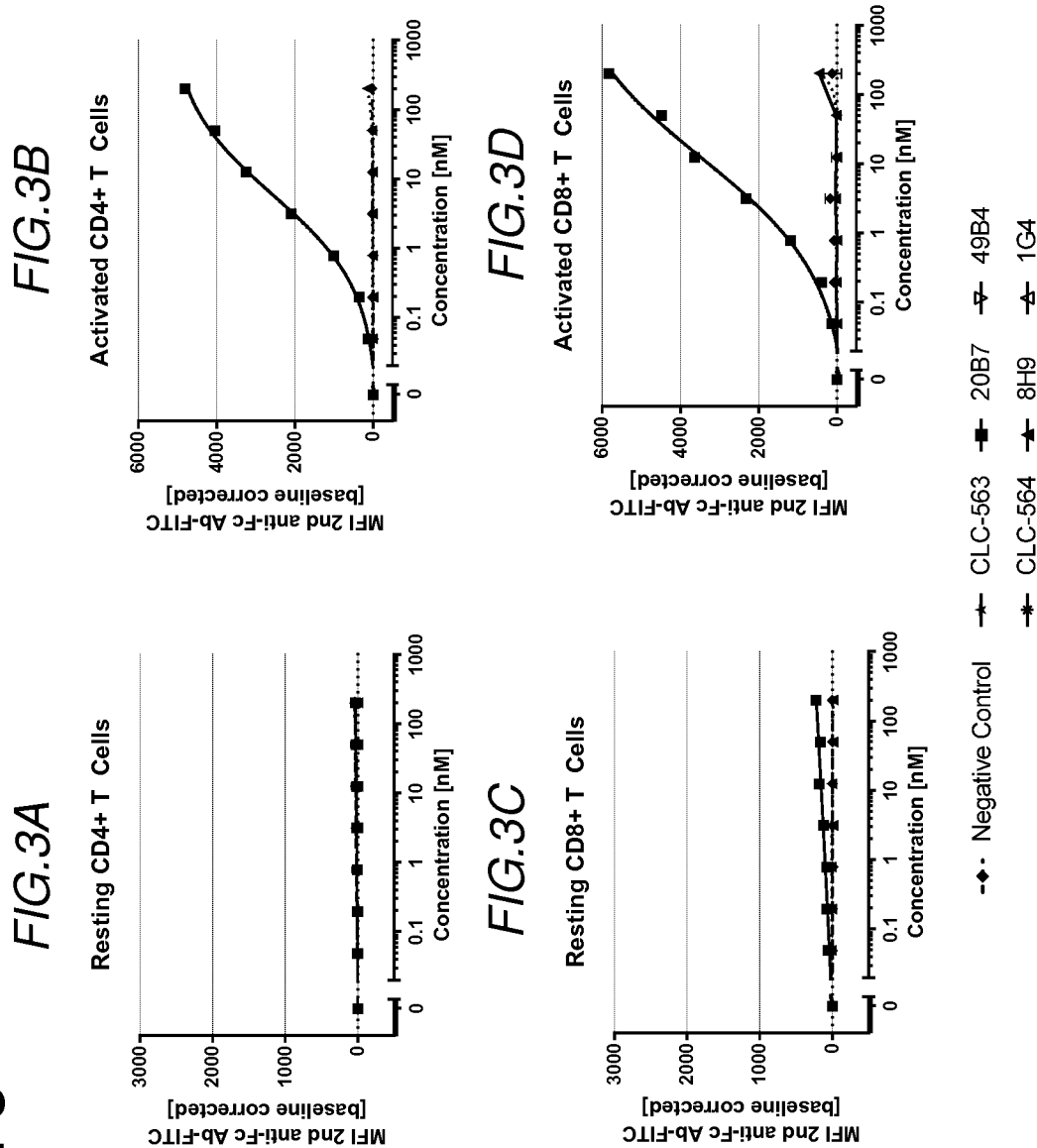


Fig. 4

FIG.4A

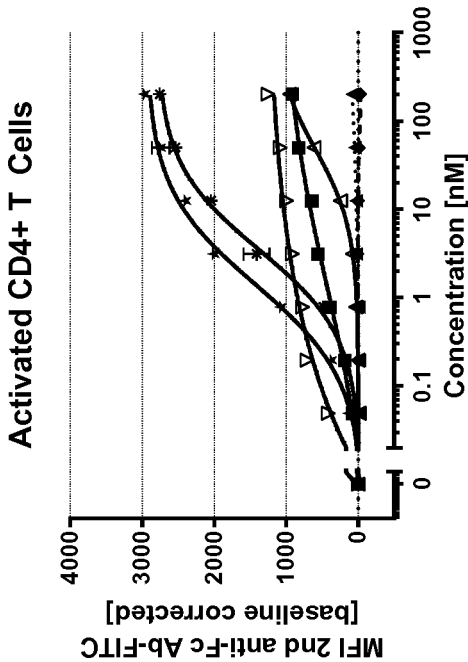
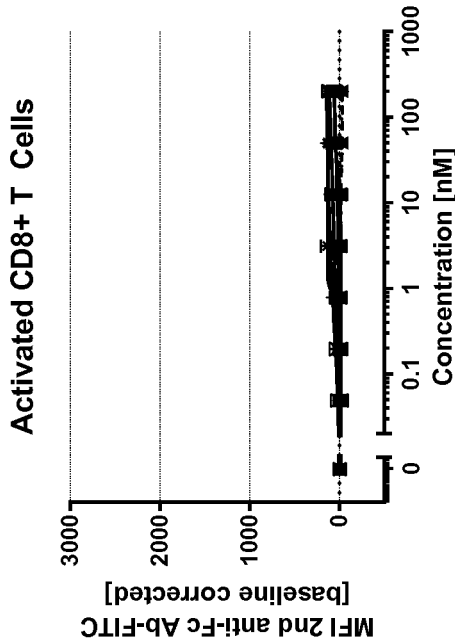


FIG.4B



--♦-- Negative Control --*-- CLC-563 --▽-- 49B4 --■-- 20B7
--*-- CLC-564 --△-- 1G4 --▲-- 8H9

Fig. 5

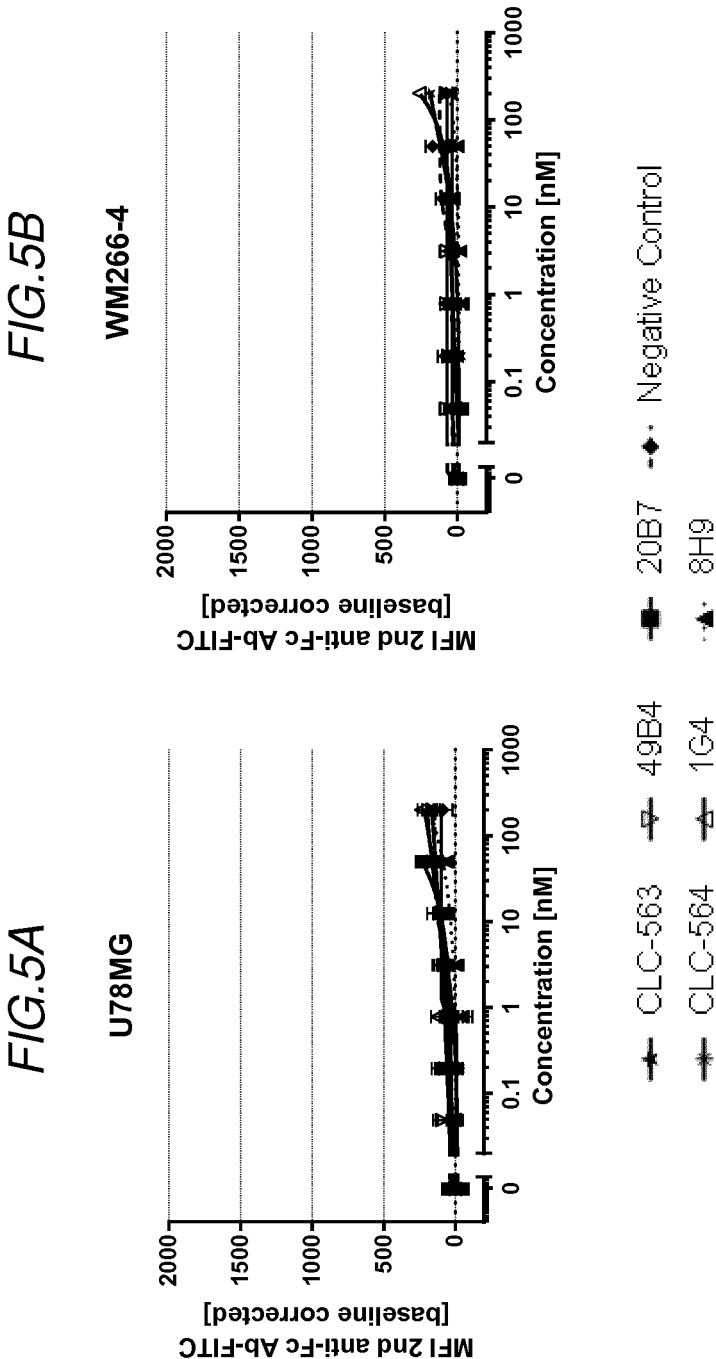


Fig. 6

FIG.6A

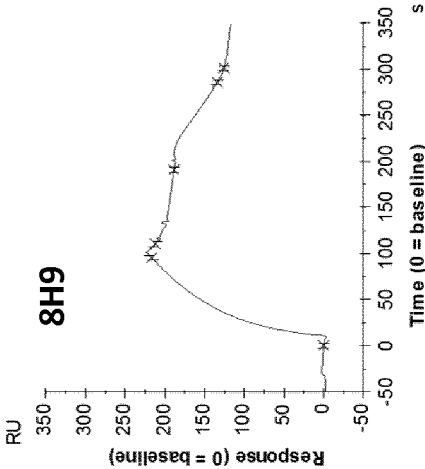


FIG.6D

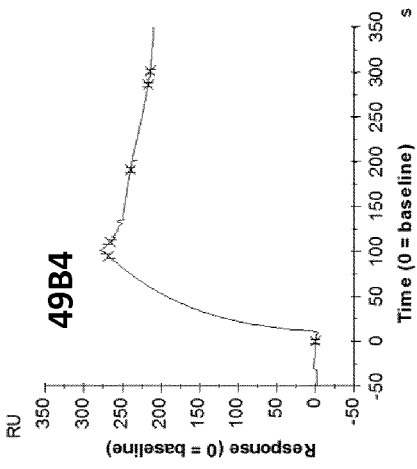


FIG.6B

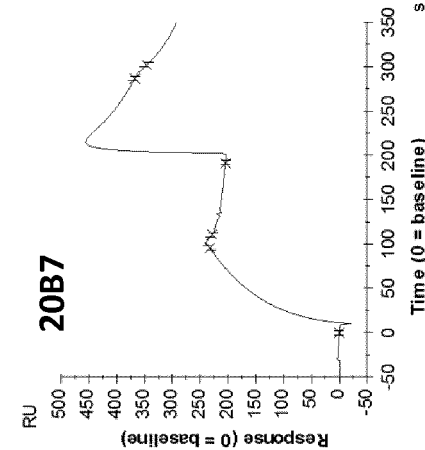


FIG.6E

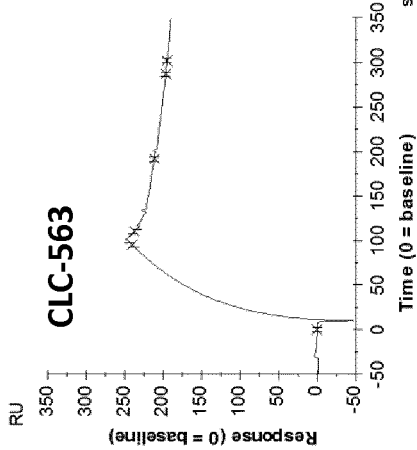


FIG.6C

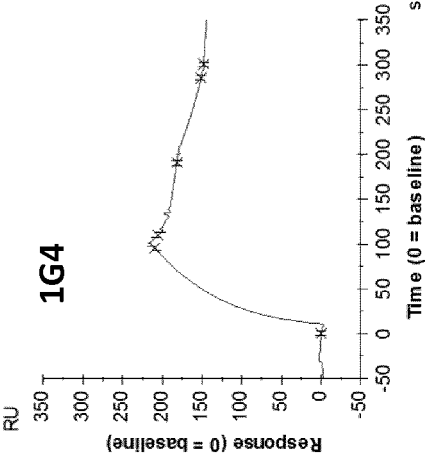


FIG.6F

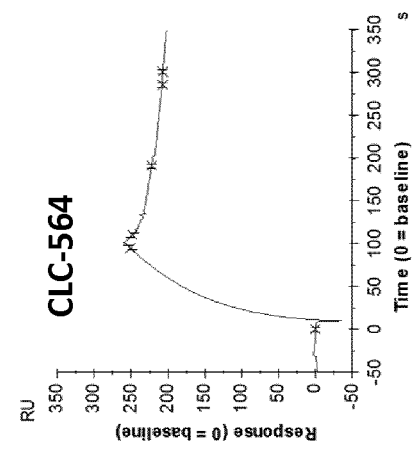


Fig. 7

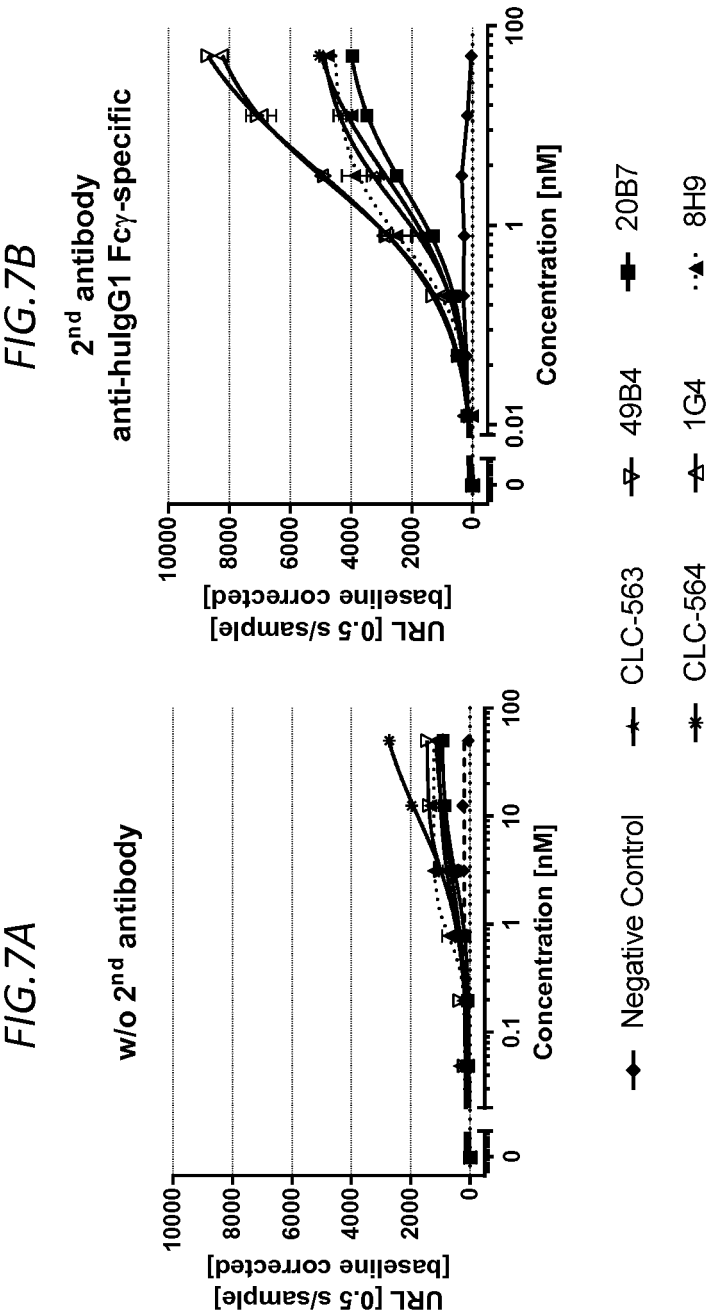


Fig. 8

FIG.8A

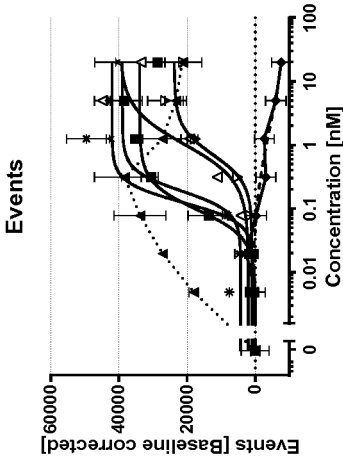


FIG.8B

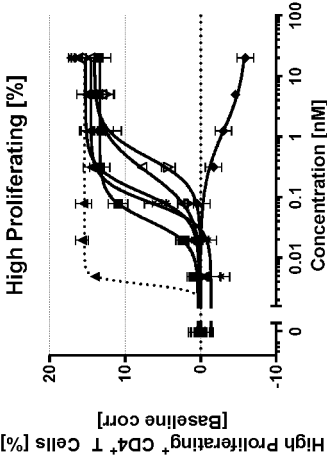


FIG.8C

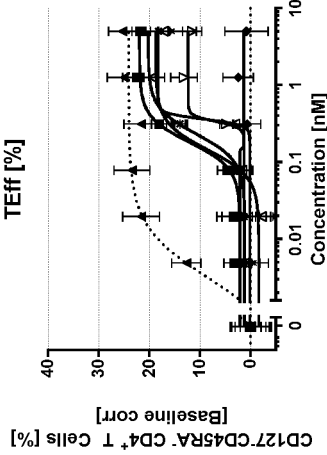


FIG.8D

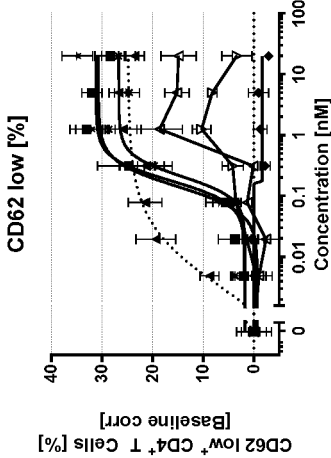


FIG.8E

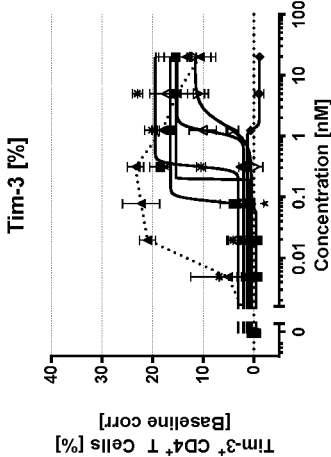
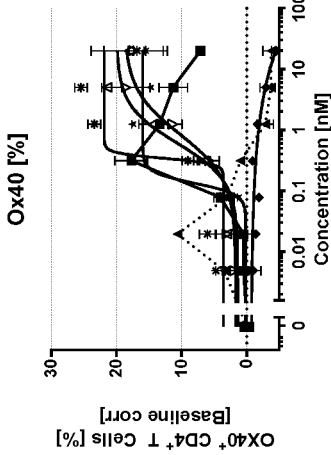


FIG.8F



◆ Negative Control

— CLC-563

▽ 49B4

■ 20B7

* CLC-564

△ 1G4

▲ 8H9

Fig. 9

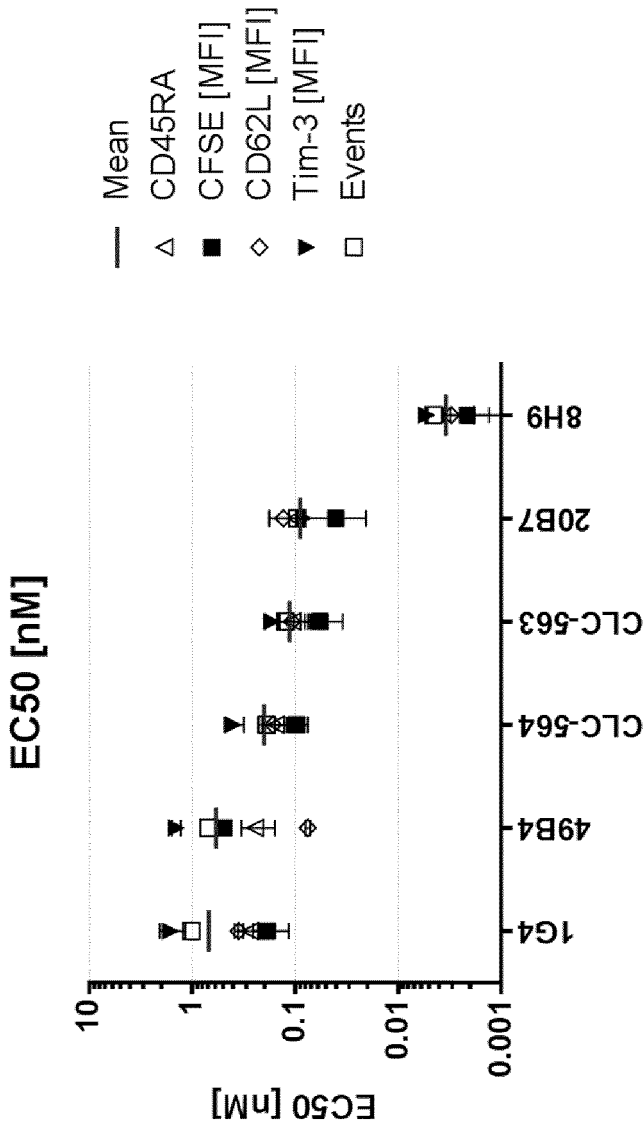


Fig. 10

FIG.10A

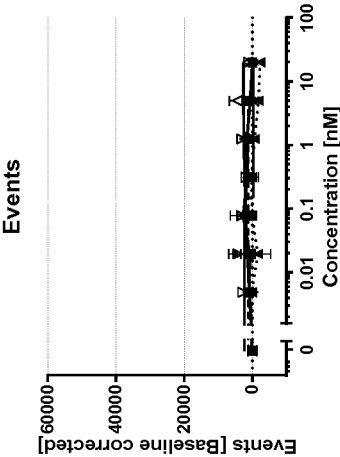


FIG.10B

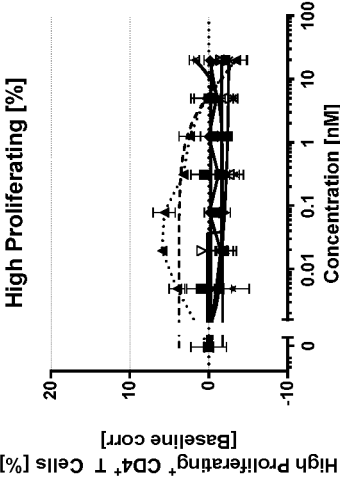


FIG.10C

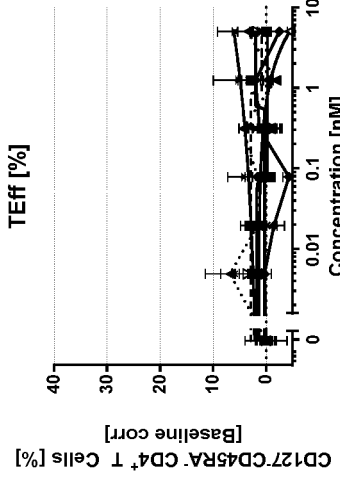


FIG.10D

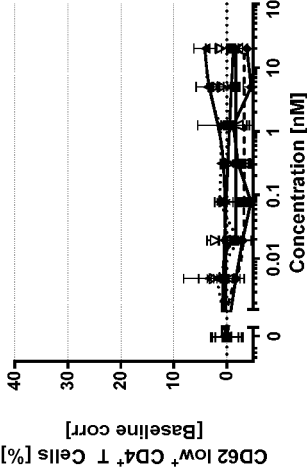


FIG.10E

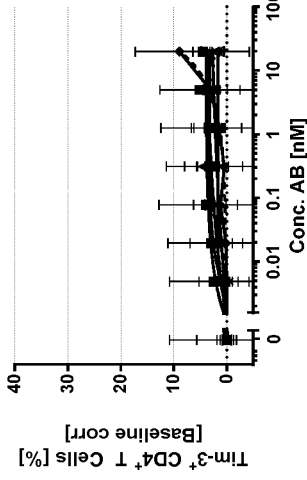
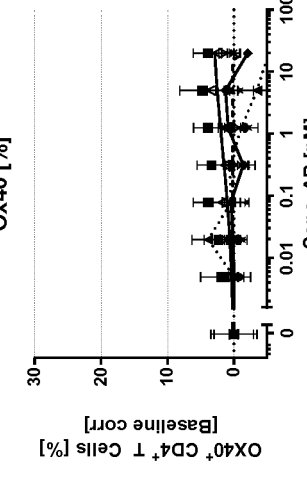


FIG.10F



11/66

Fig. 11

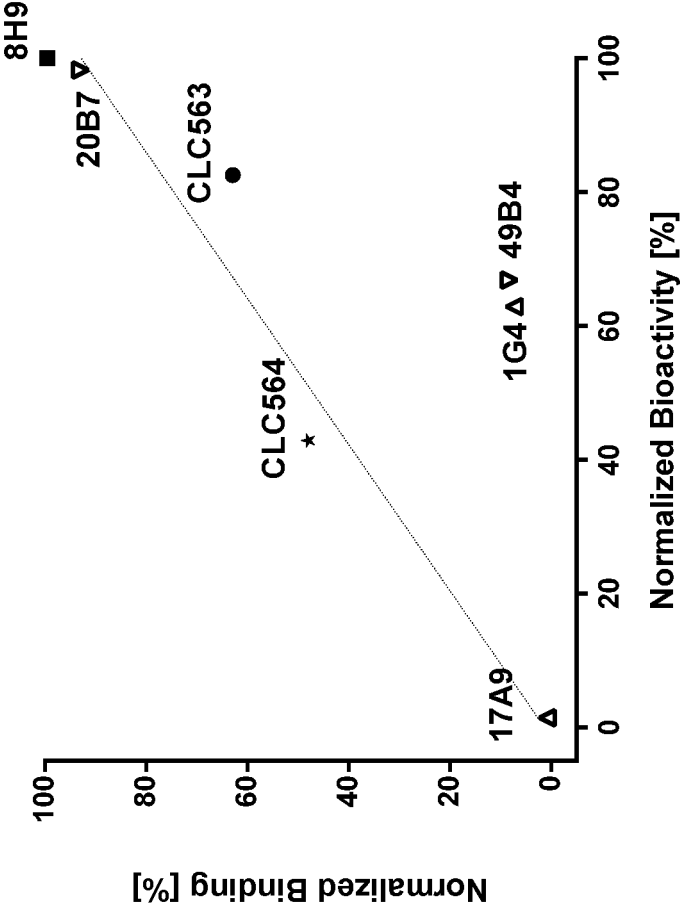


Fig. 12

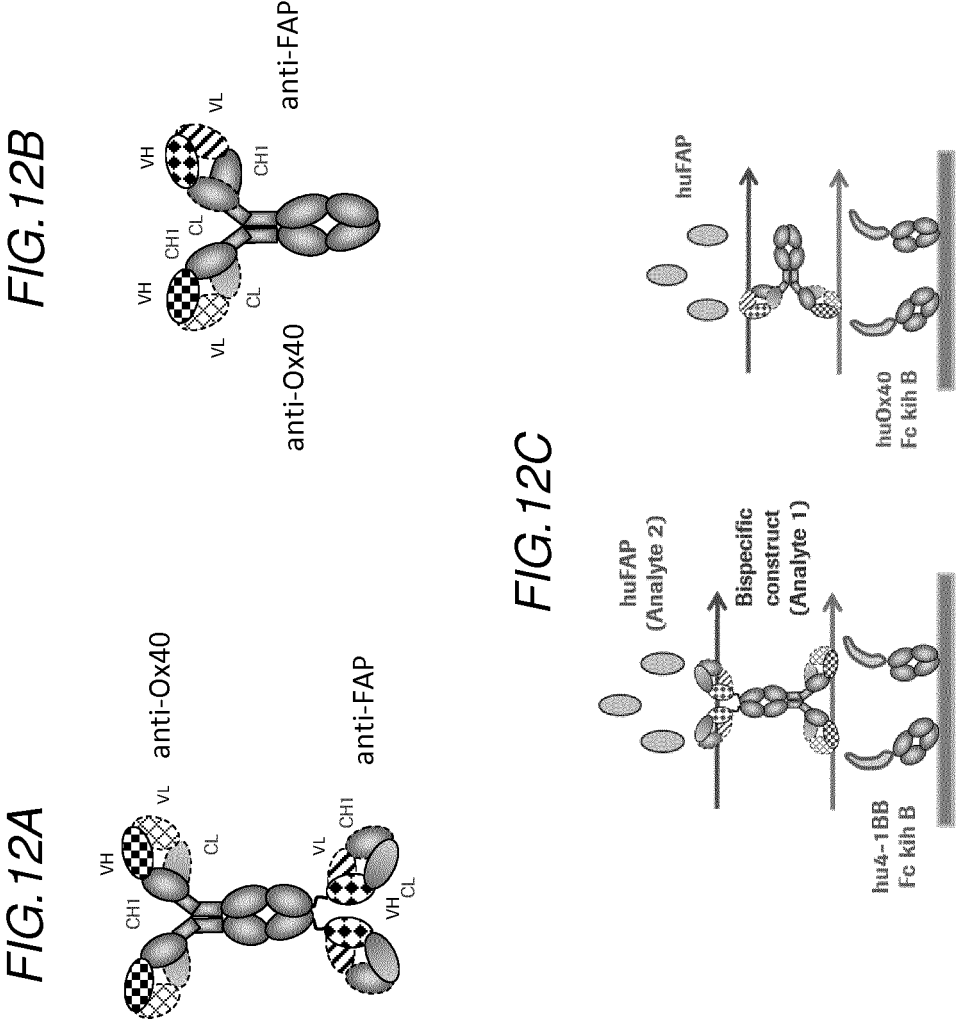


Fig. 12

FIG.12D

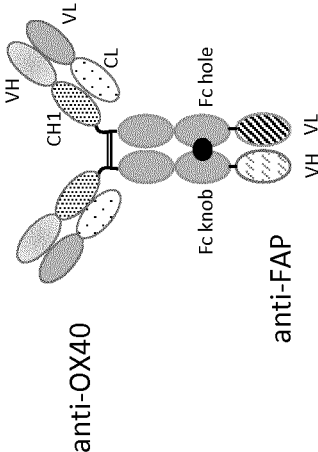


FIG.12E

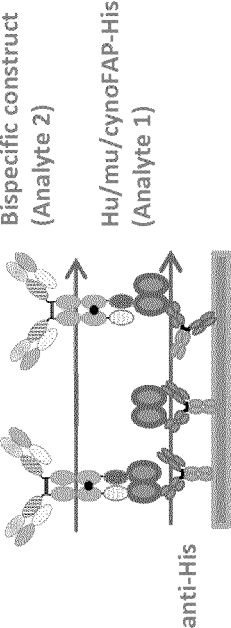


FIG.12F

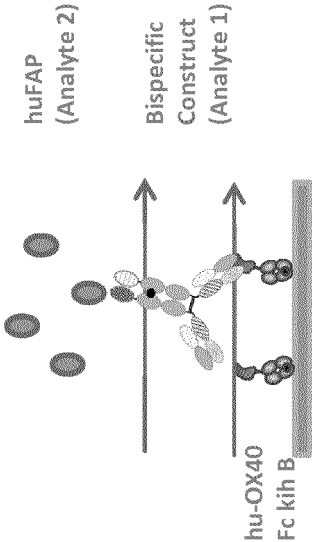


FIG. 13A

8H9/FAP (2+2 format)

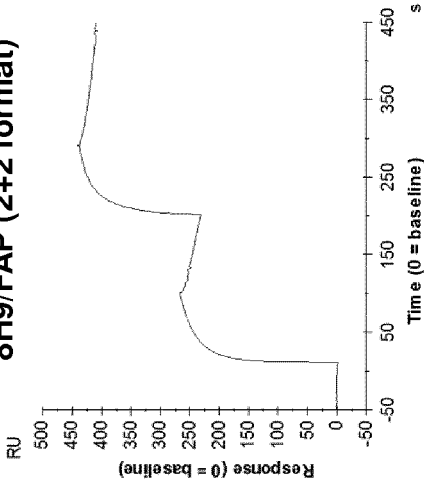


FIG. 13B

49B4/FAP (2+2 format)

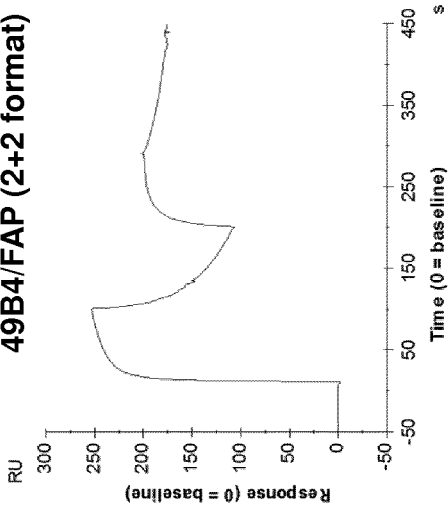


FIG. 13C

1G4/FAP (2+2 format)

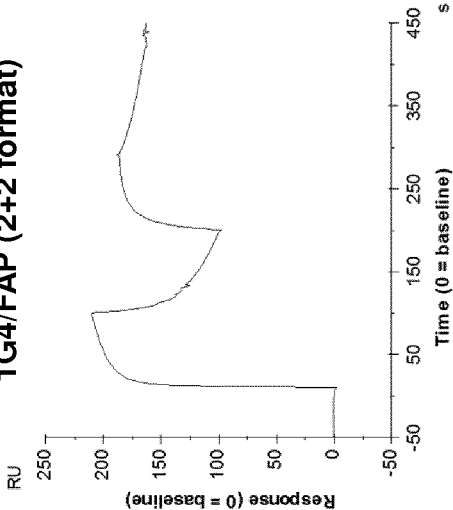


FIG. 13D

20B7/FAP (2+2 format)

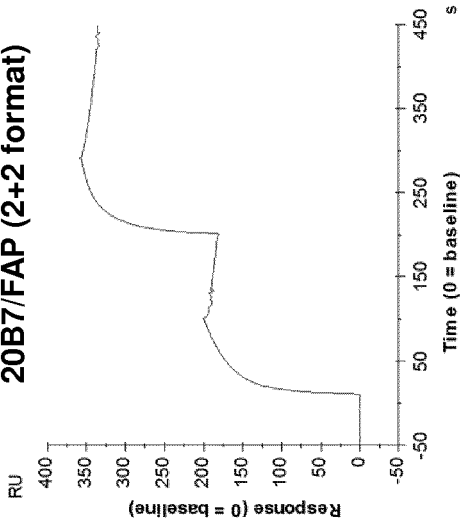


FIG.13E

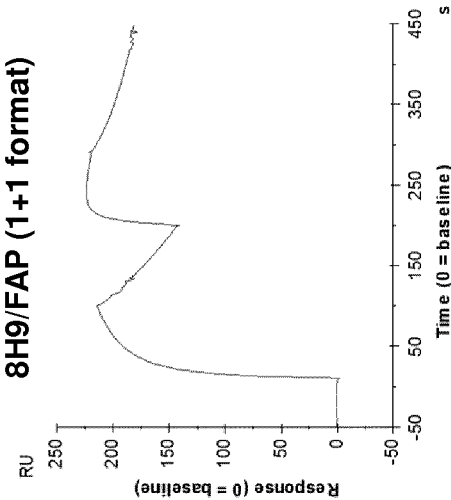


FIG.13F

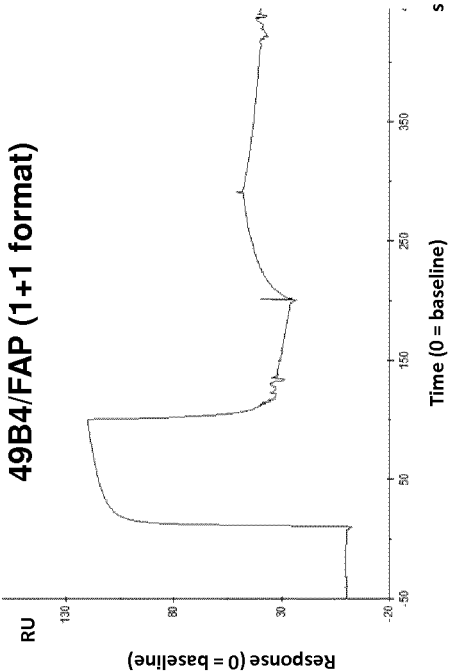


FIG.13G

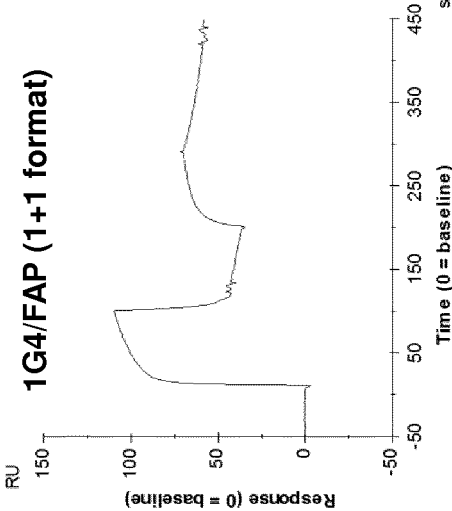


FIG.13H

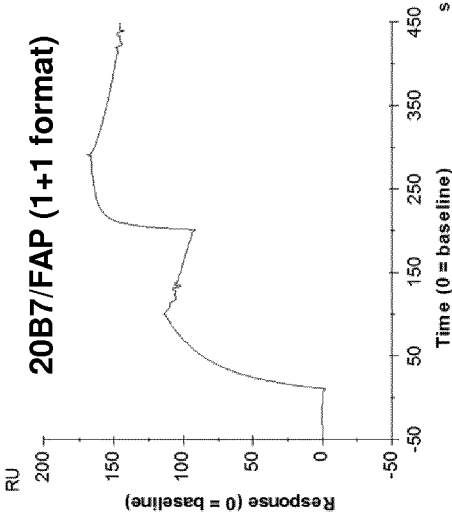


FIG. 13J

49B4/4B9 2+1

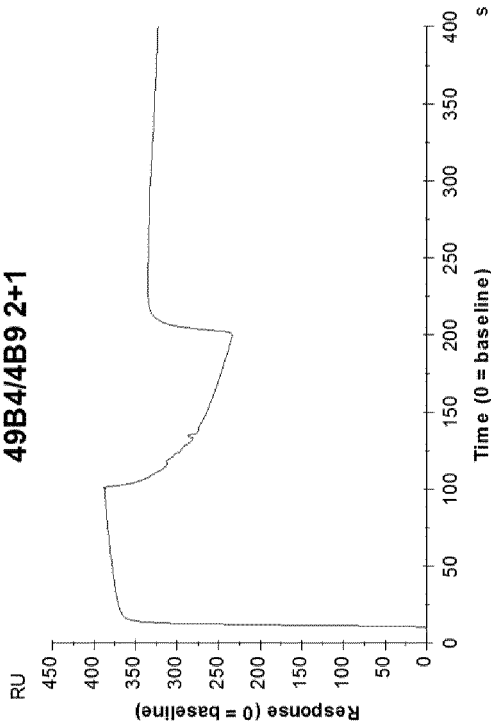


FIG. 13K

49B4/28H1 2+1

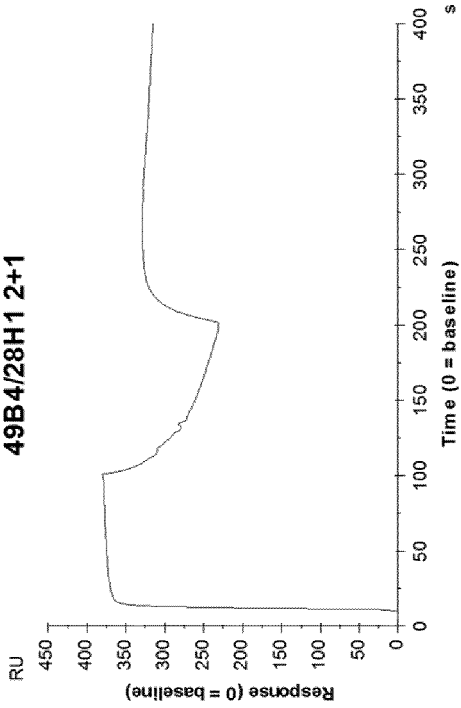


FIG. 13L

49B4/DP47 2+1

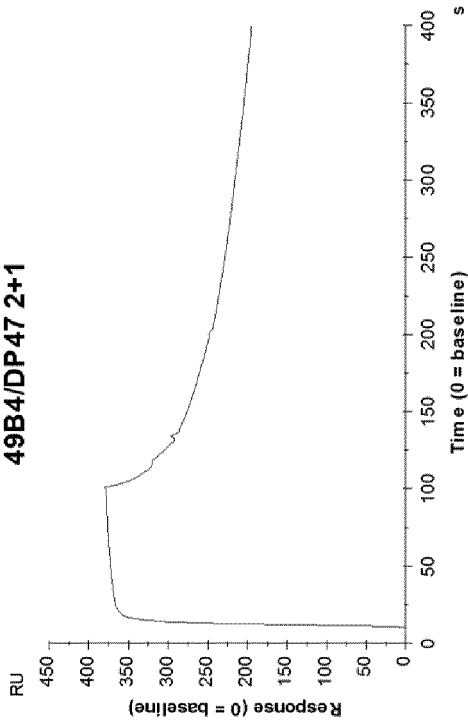


FIG. 13M

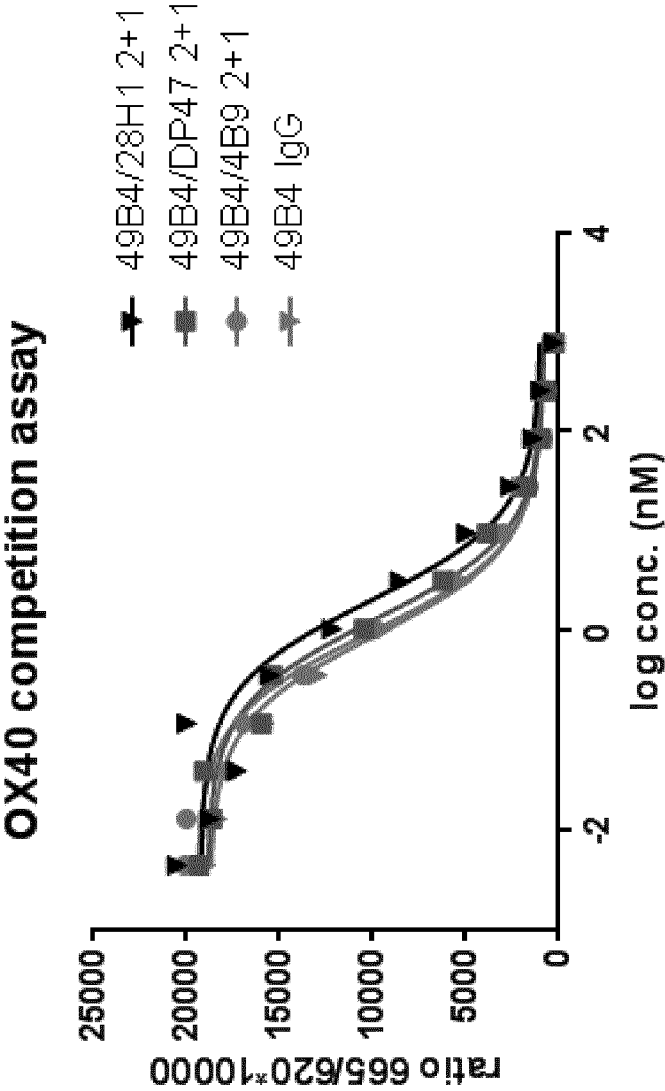


FIG. 14A

Resting CD8+ T Cells

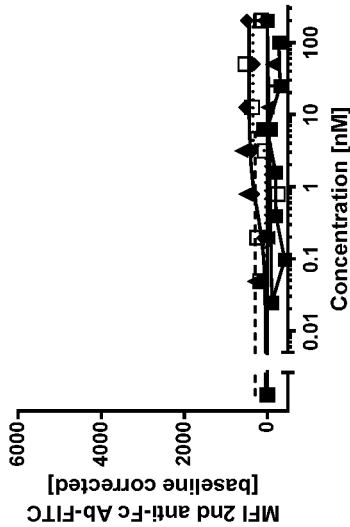


FIG. 14B

Activated CD8+ T Cells

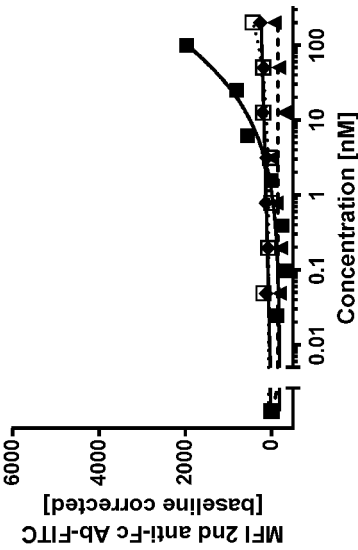


FIG. 14C

Resting CD4+ T Cells

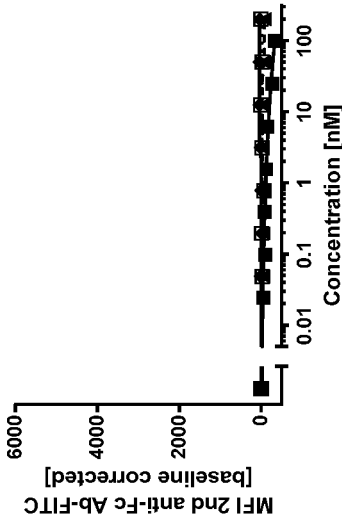
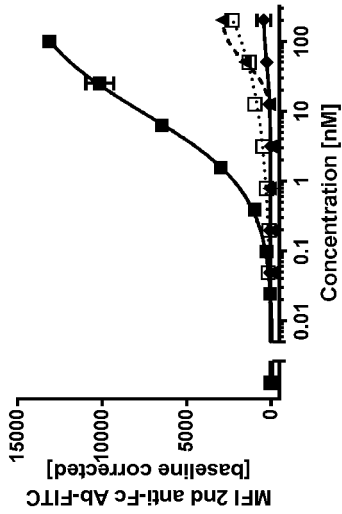


FIG. 14D

Activated CD4+ T Cells



◆ DP88 hulG1 P329G LALA (isotype control)

■ OX40 (1G4) x FAP (28H1) 2+2

◻ OX40 (1G4) hulG1 P329G LALA

▲ OX40 (1G4) x FAP (28H1) 1+1

FIG. 14E

Activated CD4+ T Cells

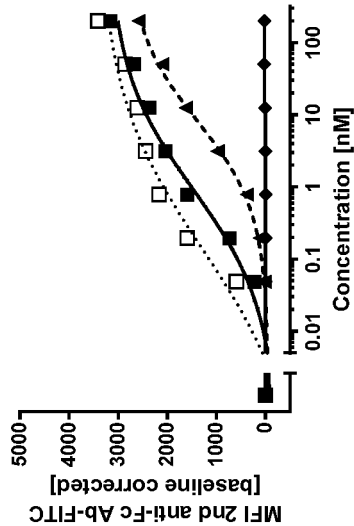


FIG. 14F

Activated CD8+ T Cells

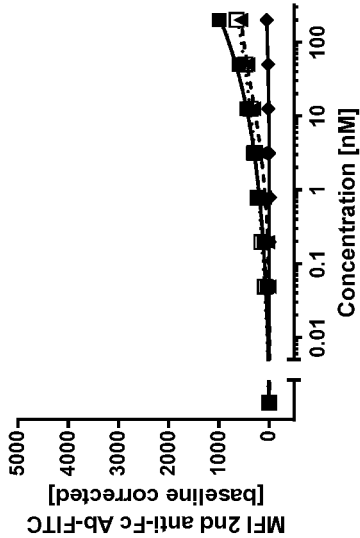


FIG. 14G

Resting CD4+ T Cells

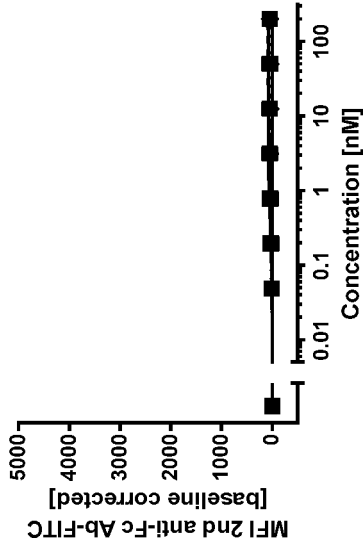
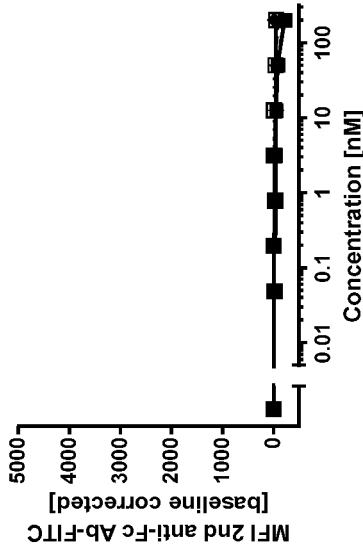


FIG. 14H

Resting CD8+ T Cells



◆ DP88 hulG1 P329G LALA (Isotype control)

◻ OX40 (8H9) hulG1 P329G LALA

■ OX40 (8H9) x FAP (28H1) 2+2

▲ OX40 (8H9) x FAP (28H1) 1+1

FIG. 14J

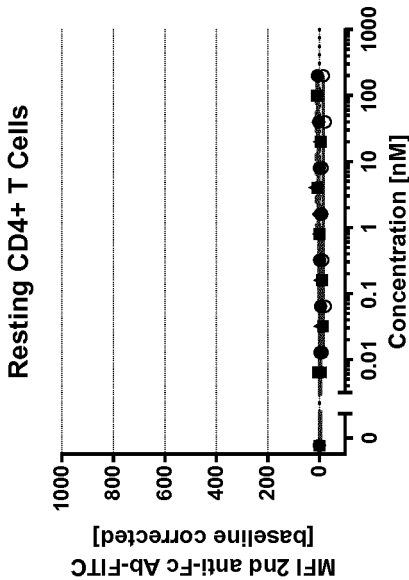


FIG. 14K

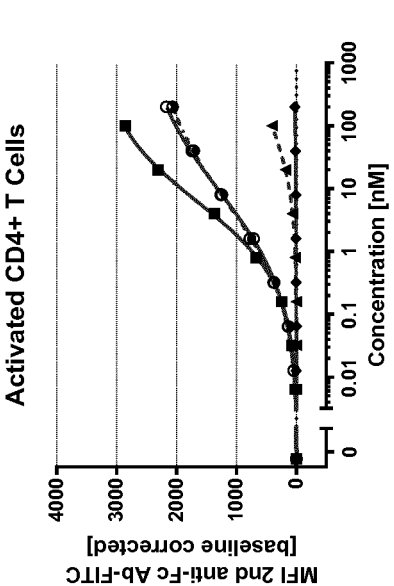


FIG. 14L

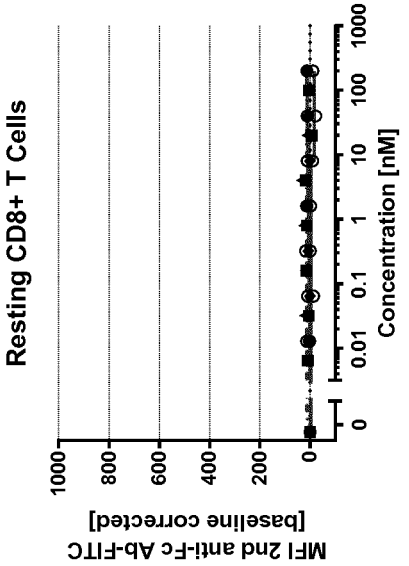
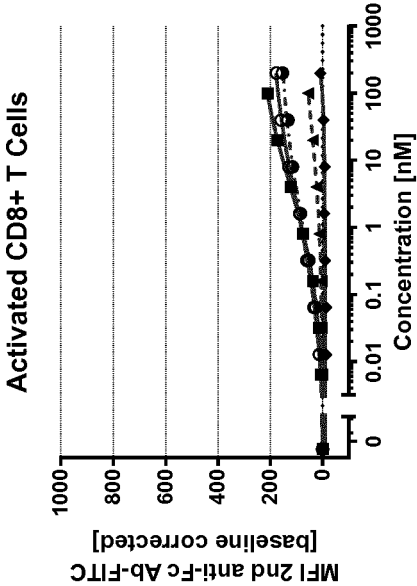


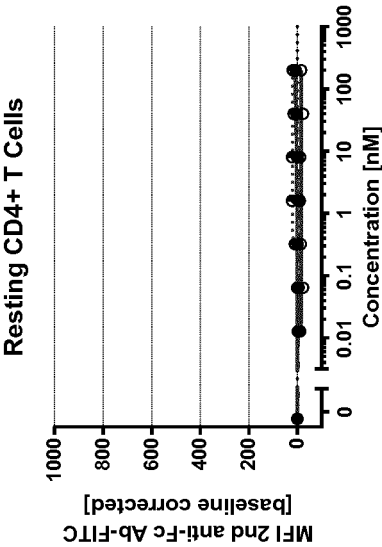
FIG. 14M



- OX40 (49B4) x FAP (28H1) 2+2
- ▲ OX40 (49B4) x FAP (28H1) 1+1
- ◆ DP47 huIgG1 P329G LALA (isotype control)

- OX40 (49B4) x DP47 2+1
- OX40 (49B4) x FAP (28H1) 2+1

FIG. 14N



- OX40 (49B4) x FAP (4B9) 2+1
- OX40 (49B4) x FAP (28H1) 2+1
- OX40 (49B4) x DP47 2+1

FIG. 14O

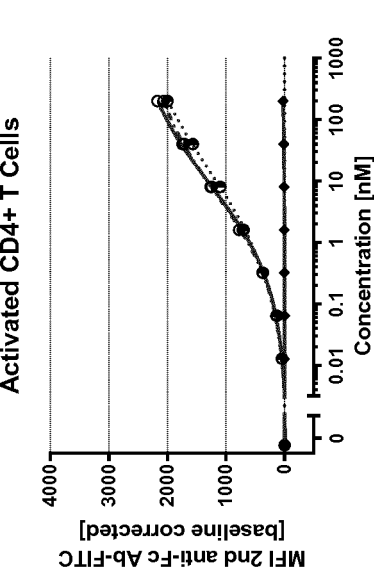


FIG. 14P

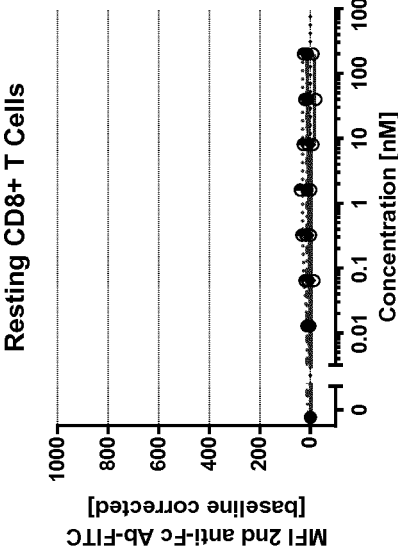
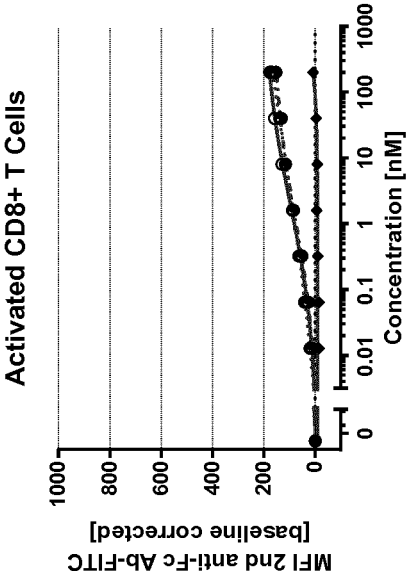


FIG. 14Q



- DP47 huIgG1 P329G LALA (isotype control)

FIG.15B

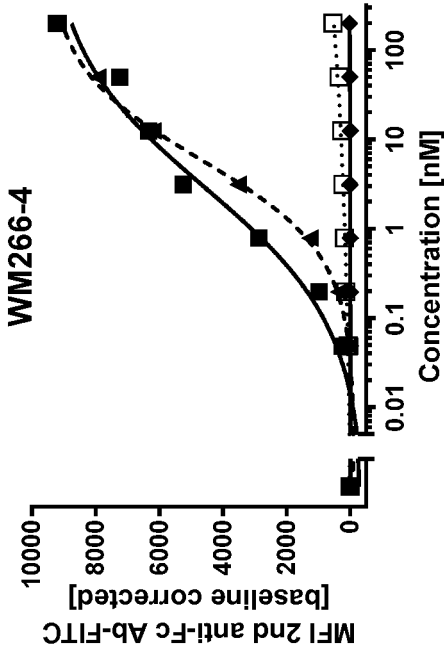


FIG.15A

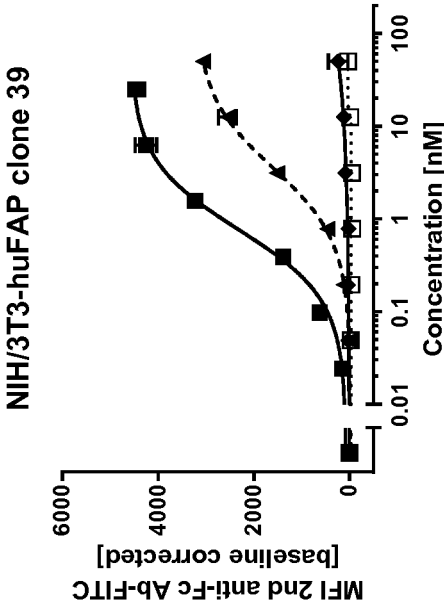


FIG. 15C

WM266-4

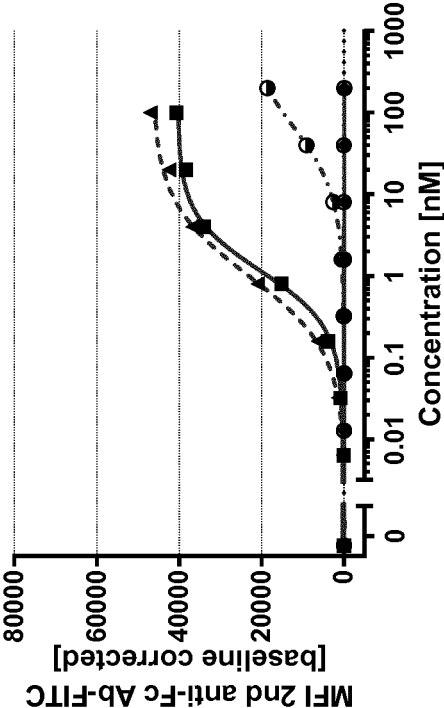


FIG. 15D

A549 NucLight Red

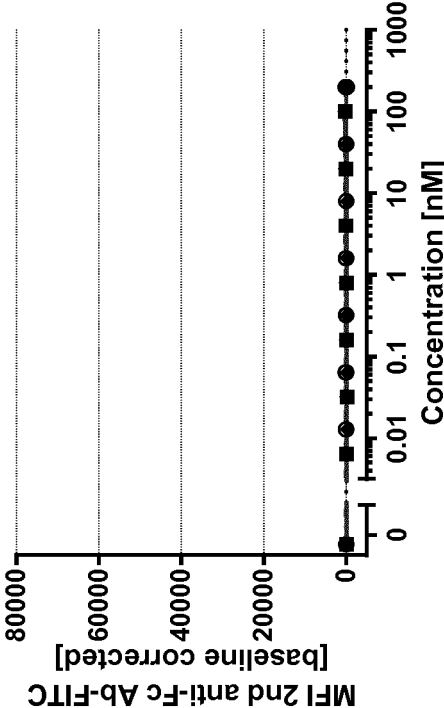
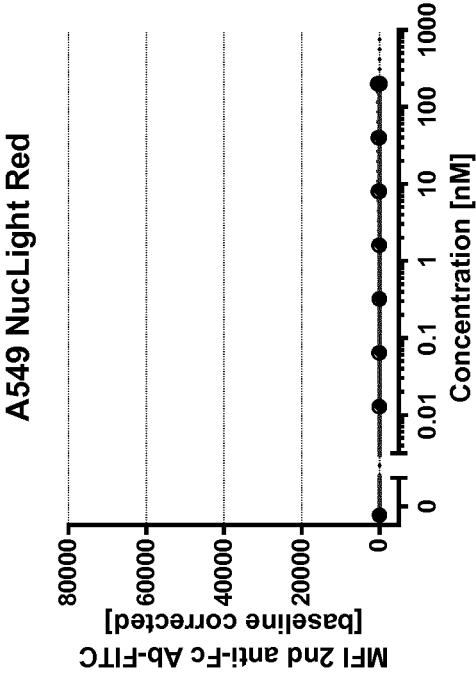
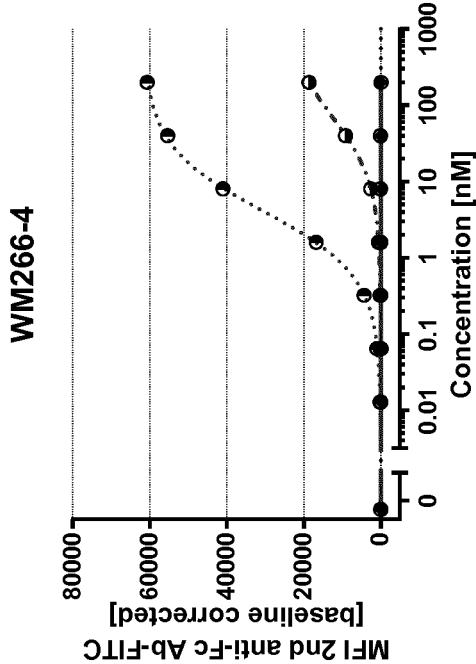


FIG.15F



◆ DP47 huIgG1 P329G LALA (Isotype control)

FIG.15E



○ OX40 (49B4) x DP47 2+1

● OX40 (49B4) x FAP (28H1) 2+1

◐ OX40 (49B4) x FAP (4B9) 2+1

FIG.16A

wo

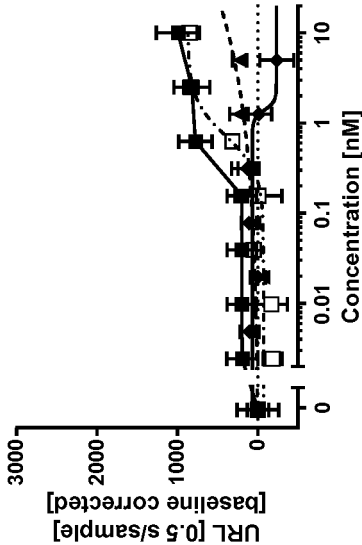


FIG.16B

2nd antibody
anti-huIgG1 Fcγ-specific

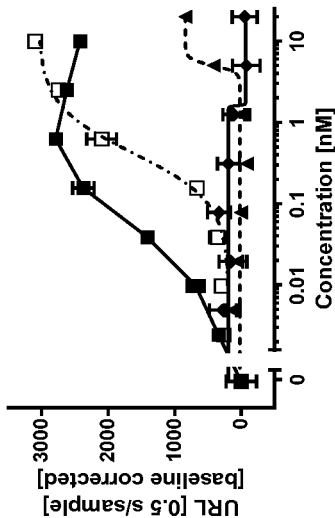


FIG.16C

NIH/3T3-huFAP clone 39

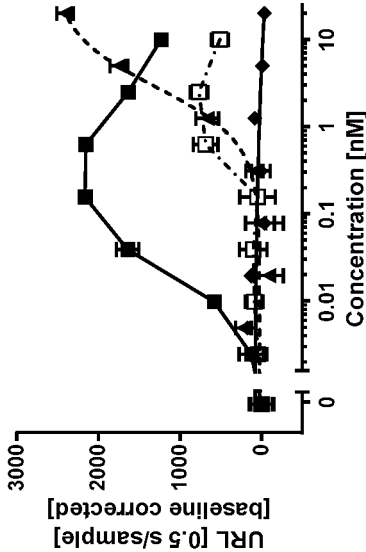
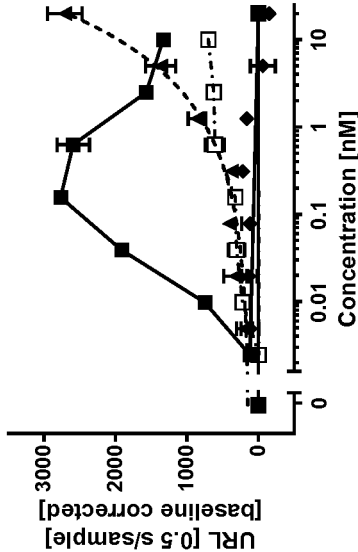


FIG.16D

WM-266-4



- ◆ DP88 huIgG1 P329G LALA (Isotype control)
- OX40 (1G4) huIgG1 P329G LALA

- OX40 (49B4) x FAP (28H1) 2+2
- ▲ OX40 (49B4) x FAP (28H1) 1+1

FIG.16E

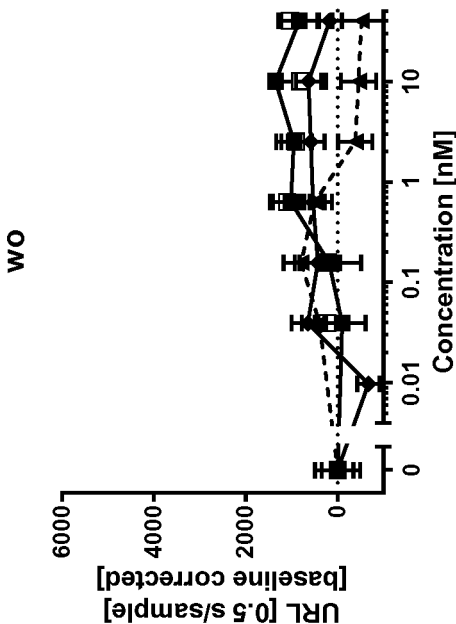


FIG.16F

2nd antibody
anti-hulG1 Fcγ-specific

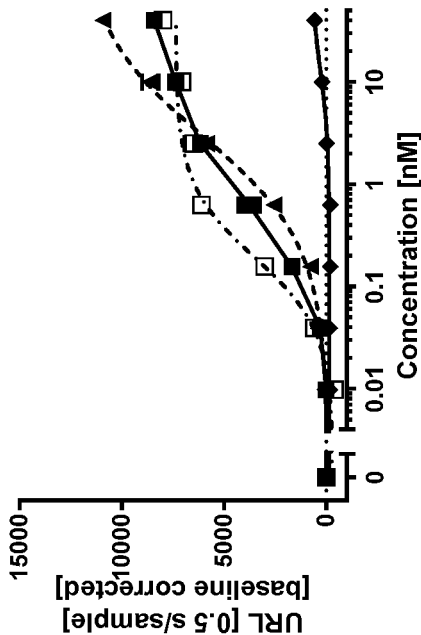
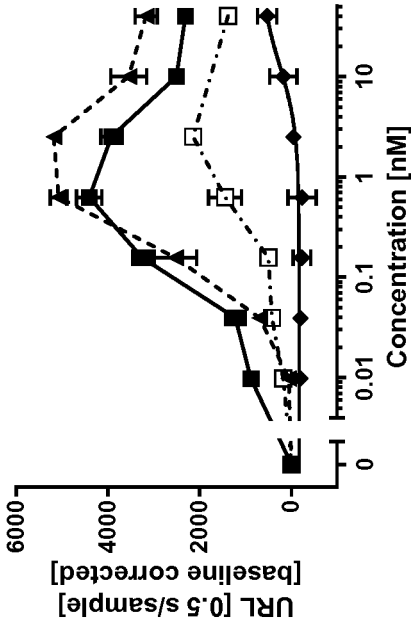


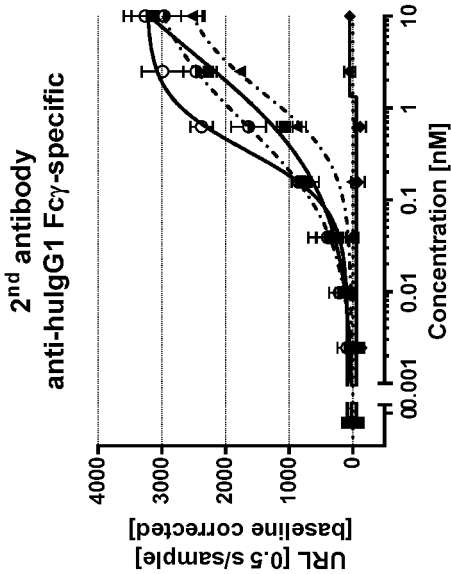
FIG.16G

NIH/3T3-huFAP clone 39



- ◆ DP88 hulG1 P329G LALA (Isotype control)
- ◻ OX40 (8H9) hulG1 P329G LALA
- OX40 (8H9) x FAP (28H1) 2+2
- ▲ OX40 (8H9) x FAP (28H1) 1+1

FIG.16J



- ◆ DP47 huIgG1 P329G LALA (Isotype control)
- OX40 (49B4) x FAP (28H1) 2+1
- ◻ OX40 (49B4) x DP47 2+1
- OX40 (49B4) x FAP (28H1) 2+2
- ▼ OX40 (49B4) x FAP (28H1) 1+1

FIG.16H

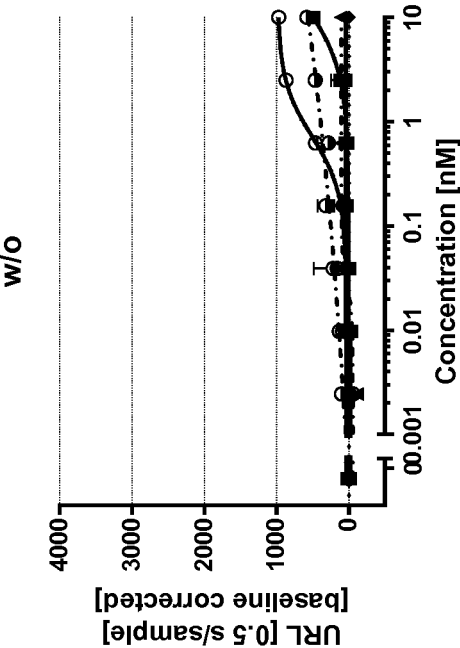


FIG.16K

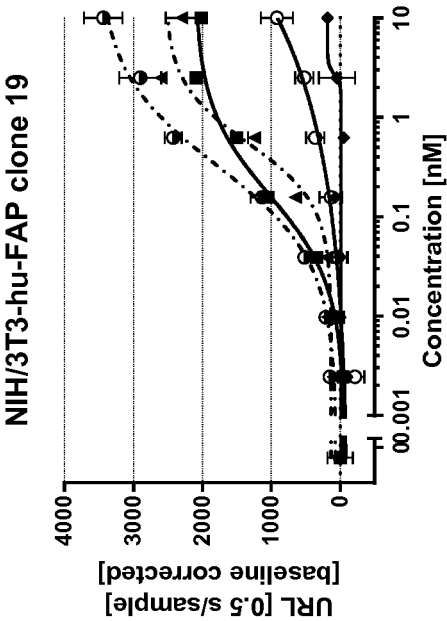


FIG.16L

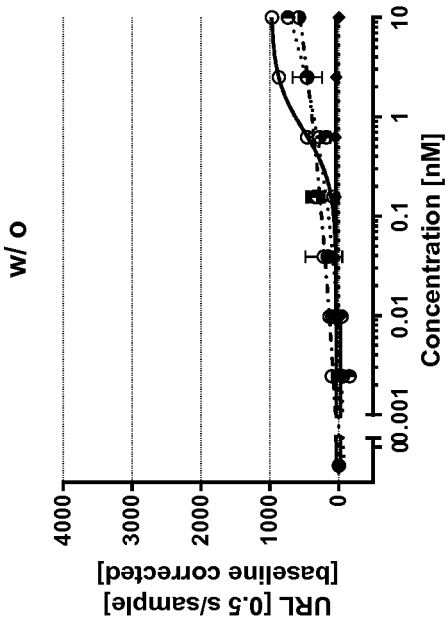


FIG.16M

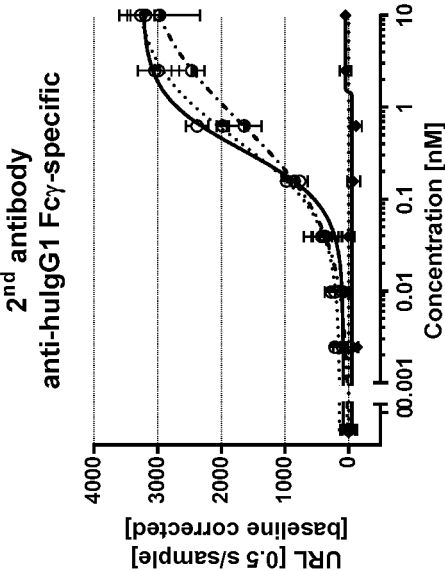
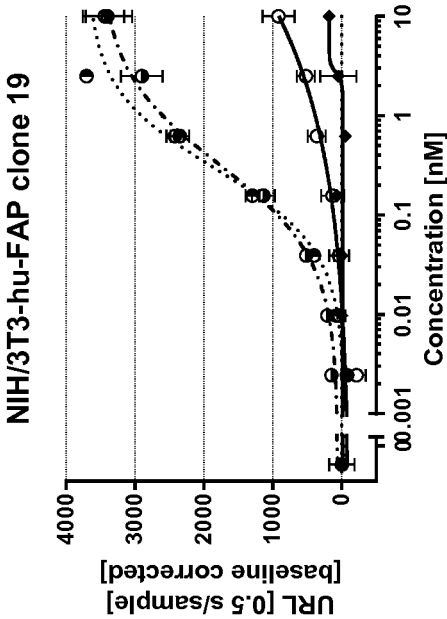


FIG.16N



- ◆ DP47 hulG1 P329G LALA (Isotype control)
- OX40 (49B4) x DP47 2+1
- OX40 (49B4) x FAP (28H1) 2+1
- OX40 (49B4) x FAP (4B9) 2+1

FIG.17A

Tim-3+ CD4+ T Cells

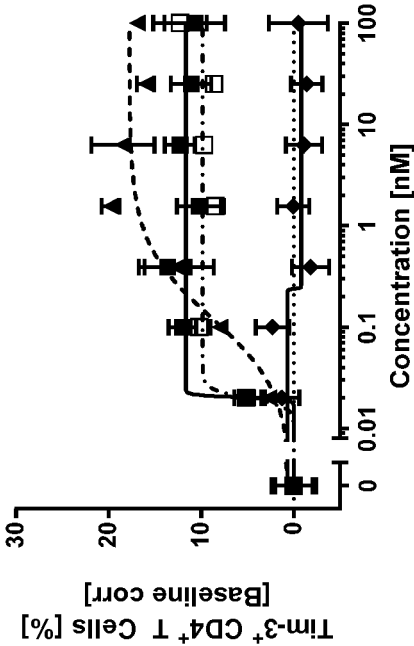
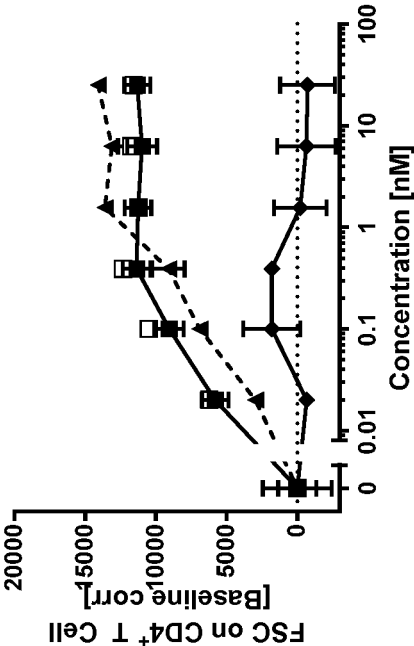


FIG.17B

Size (FSC) of CD4+ T Cells



- ◆ DP88 hulgG1 P329G LALA (Isotype control)
- OX40 (8H9) hulgG1 P329G LALA

- OX40 (8H9) x FAP (28H1) 2+2
- ▲ OX40 (8H9) x FAP (28H1) 1+1

FIG.18A

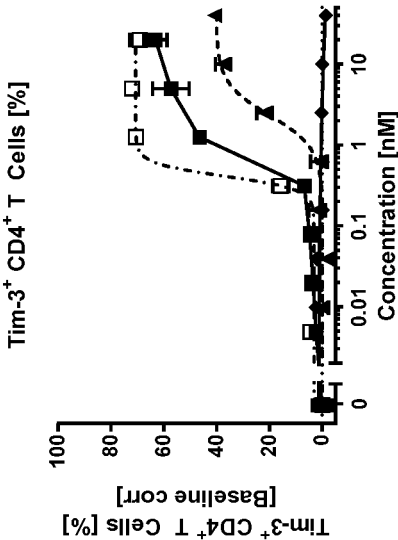


FIG.18B

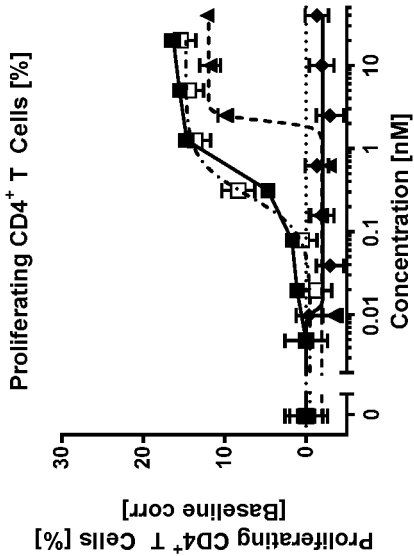


FIG.18C

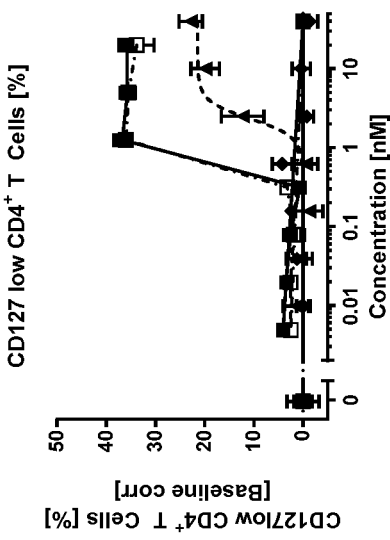
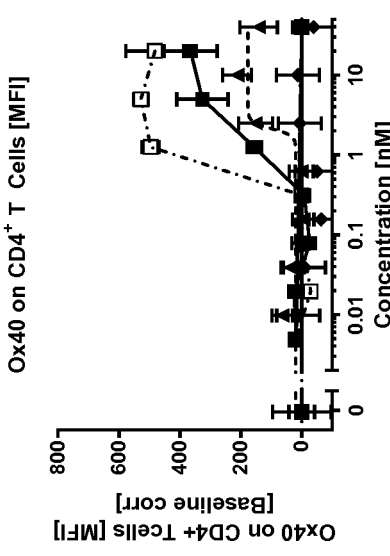


FIG.18D



- ◆ DP88 hulgG1 P329G LALA (Isotype control)
- OX40 (1G4) hulgG1 P329G LALA
- OX40 (1G4) x FAP (28H1) 2+2
- ▲- OX40 (1G4) x FAP (28H1) 1+1

Fig. 19

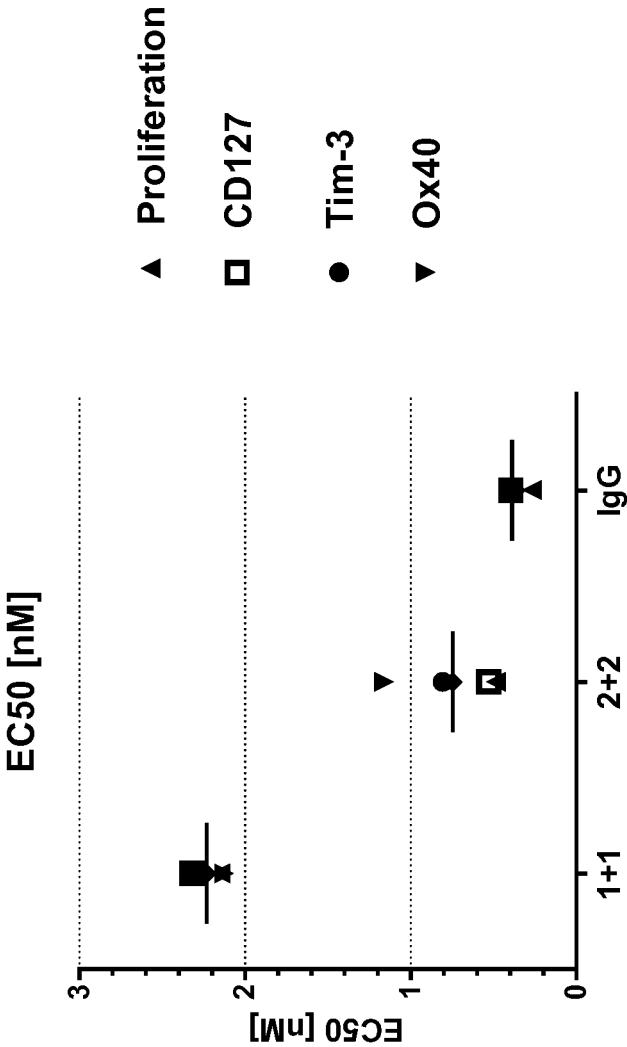


FIG.20A

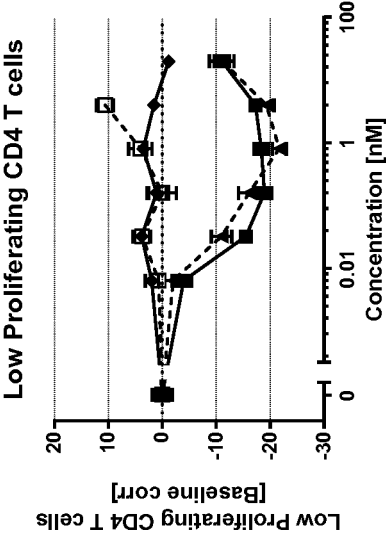


FIG.20B

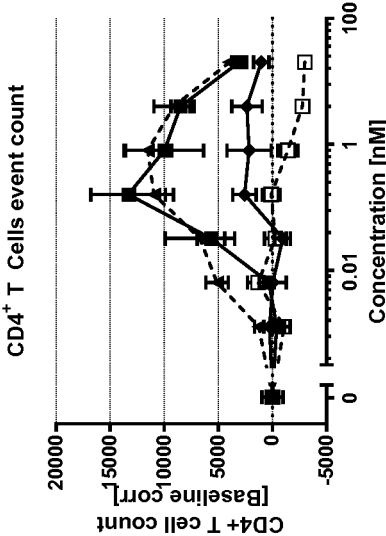


FIG.20C

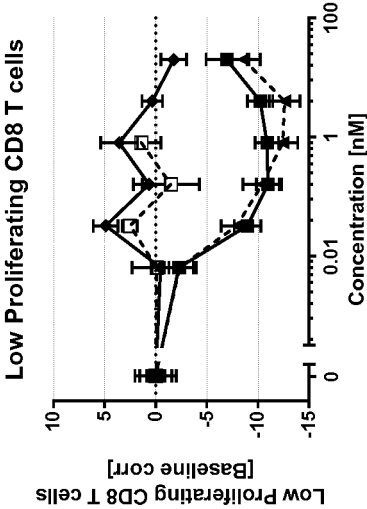
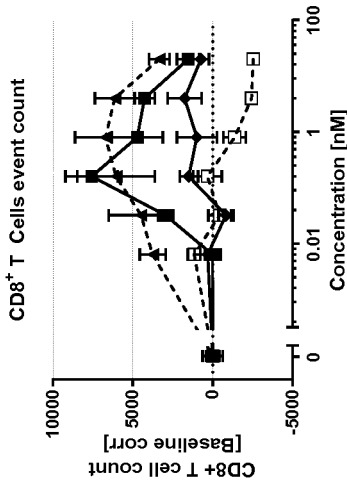


FIG.20D



- ◆ DP47 hulG1 P329G LALA (Isotype control)
- OX40 (8H9) hulG1 P329G LALA

- OX40 (8H9) x FAP (28H1) 2+2
- ▲ OX40 (8H9) x FAP (28H1) 1+1

FIG.20E

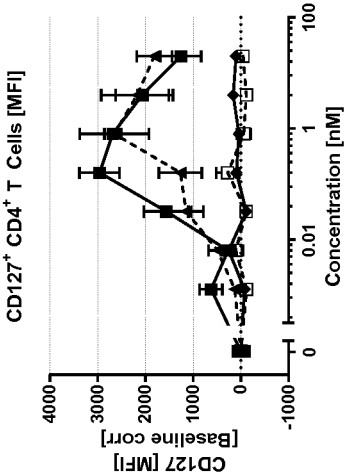


FIG.20F

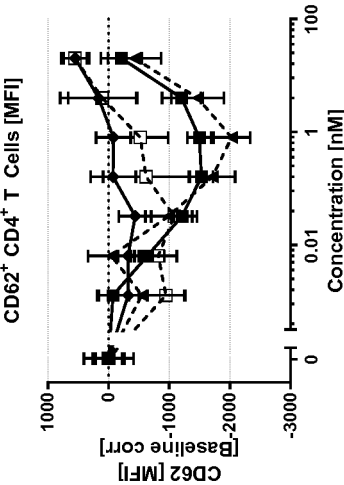


FIG.20G

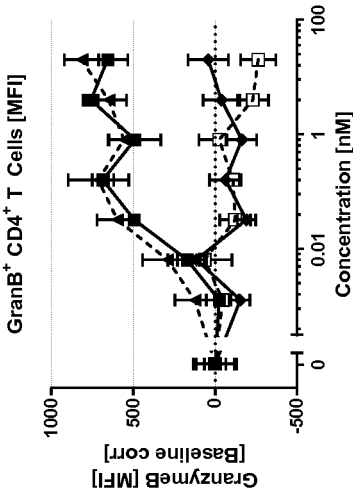
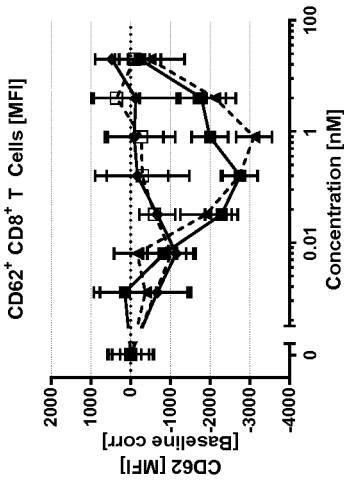


FIG.20H



- ◆ DP47 hulgG1 P329G LALA (Isotype control)
- OX40 (8H9) hulgG1 P329G LALA

- OX40 (8H9) x FAP (28H1) 2+2
- ▲ OX40 (8H9) x FAP (28H1) 1+1

FIG.21A

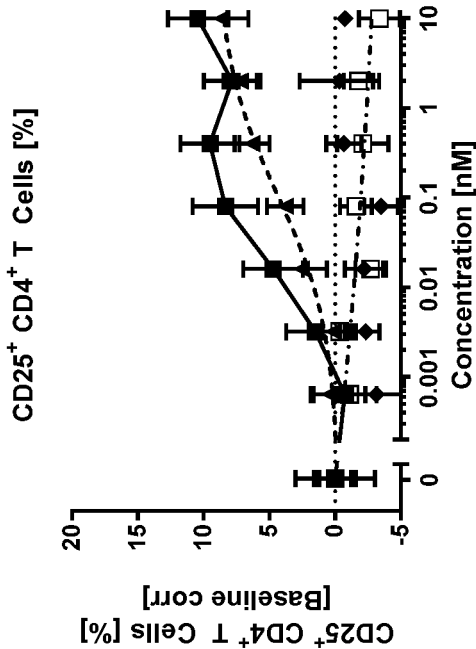


FIG.21B

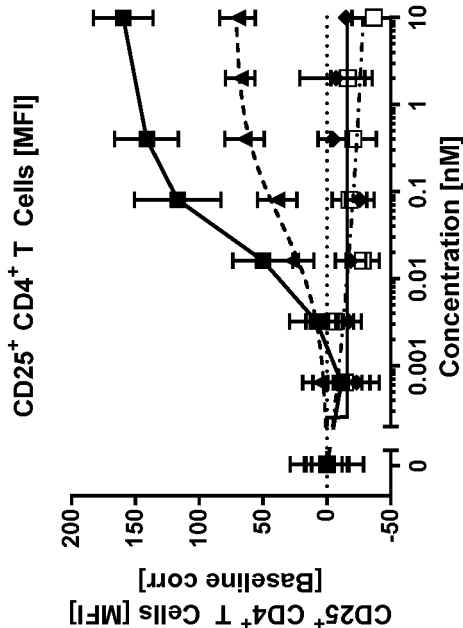
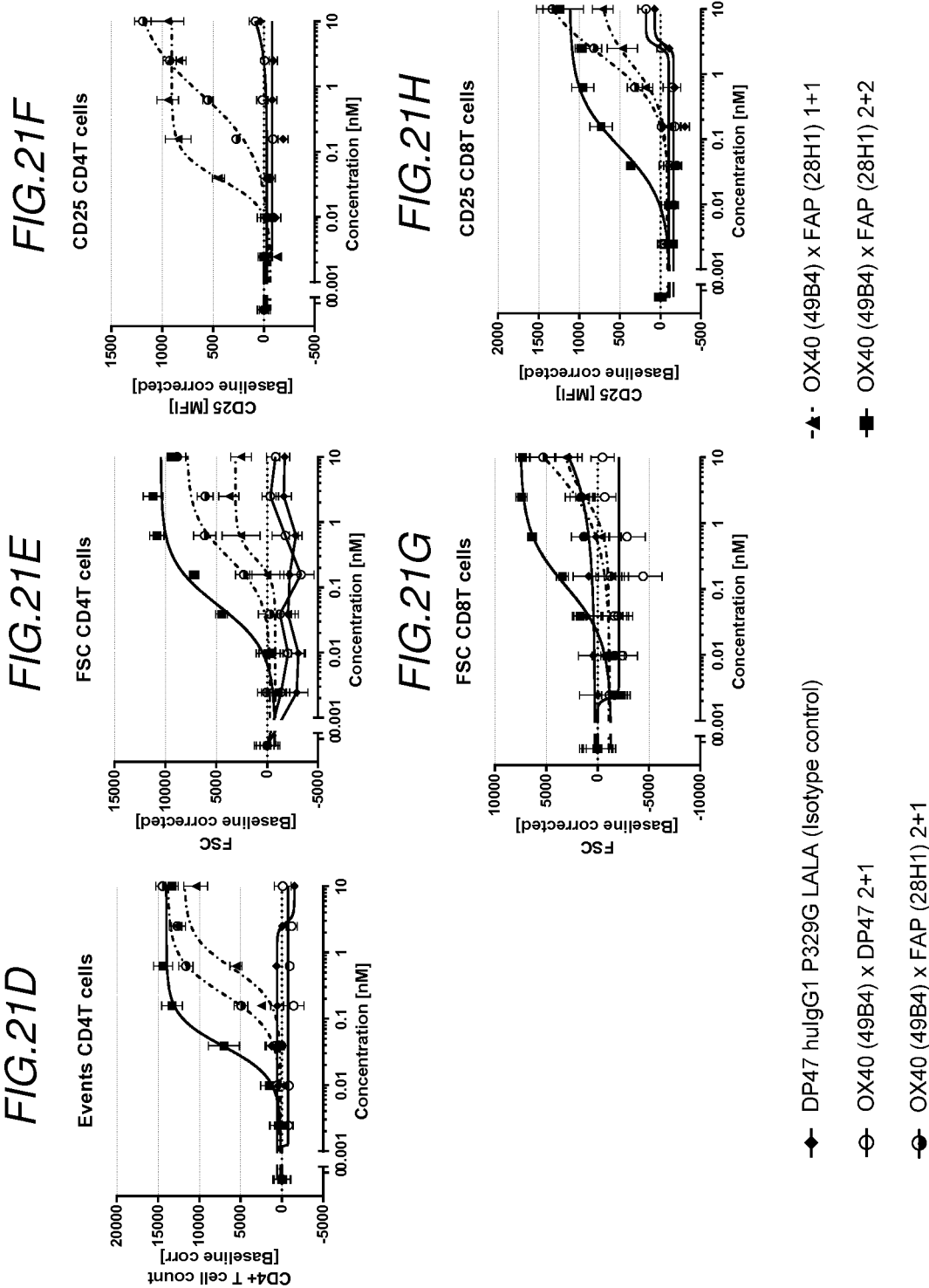


FIG.21C





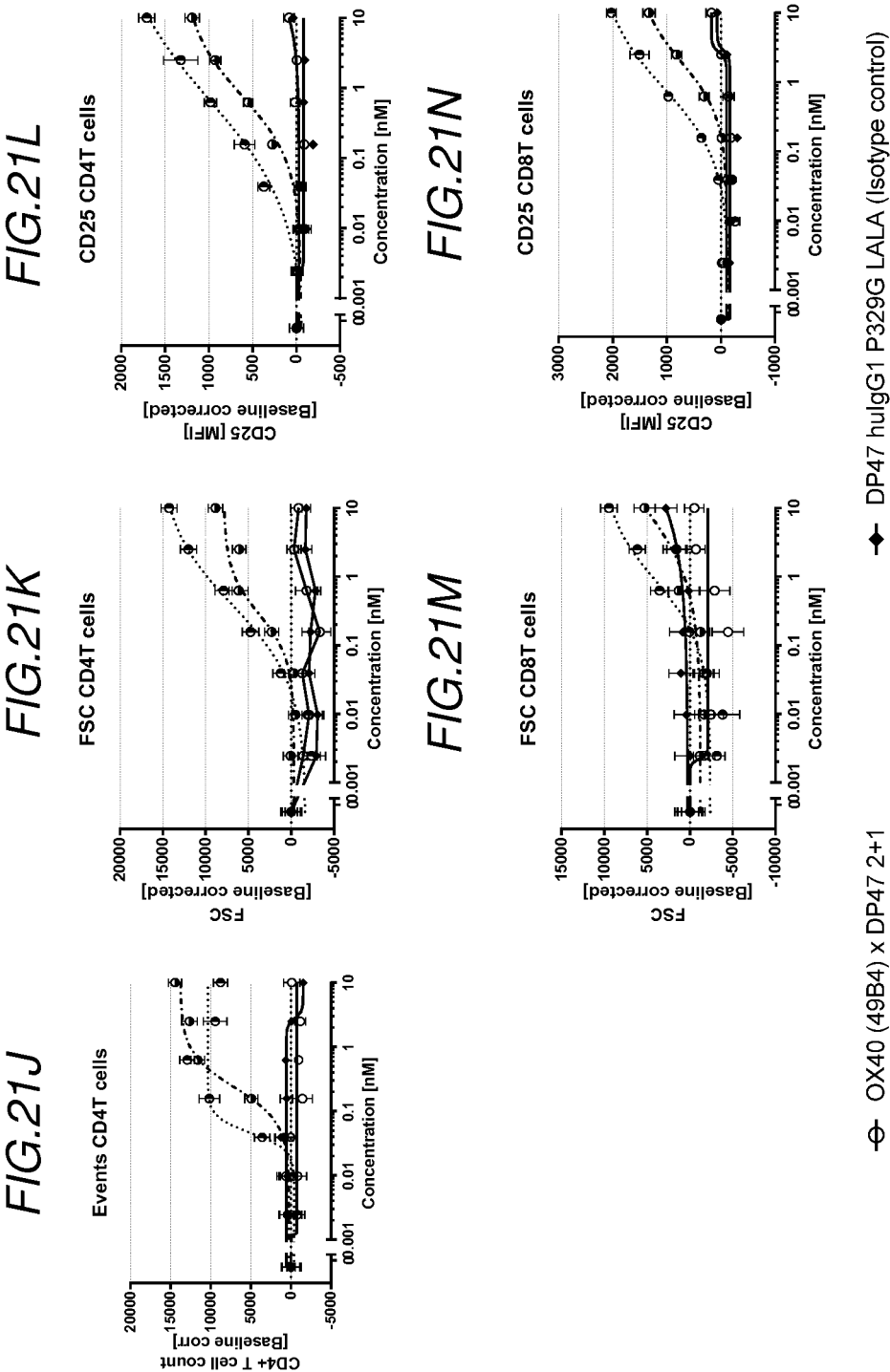


Fig. 21P

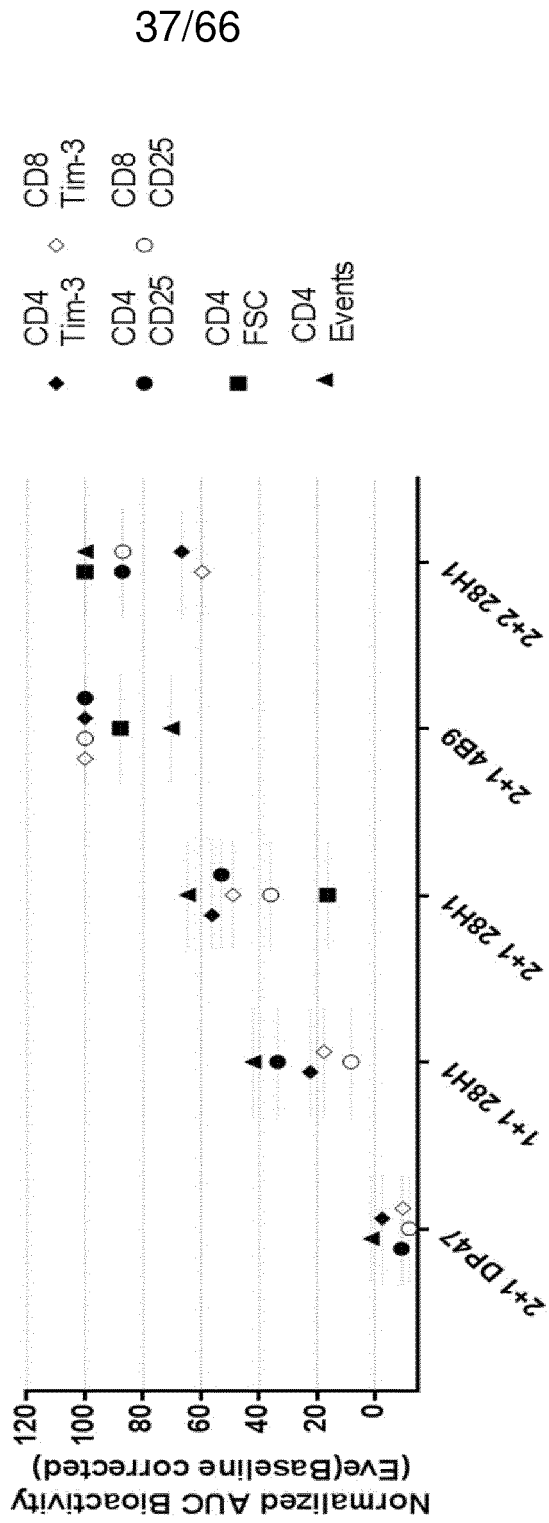


FIG.22B

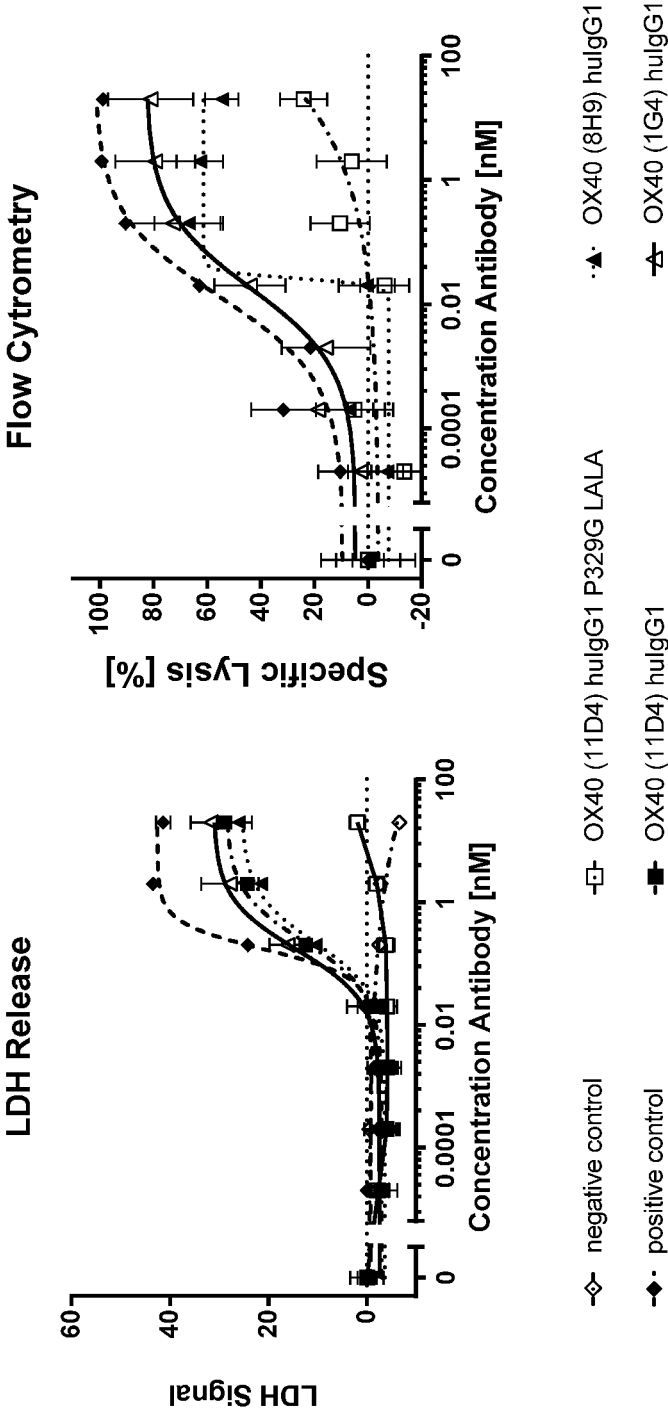
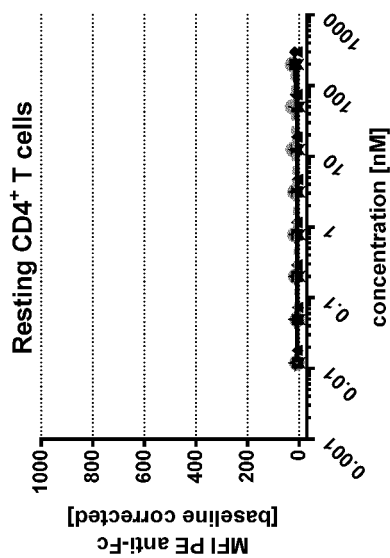


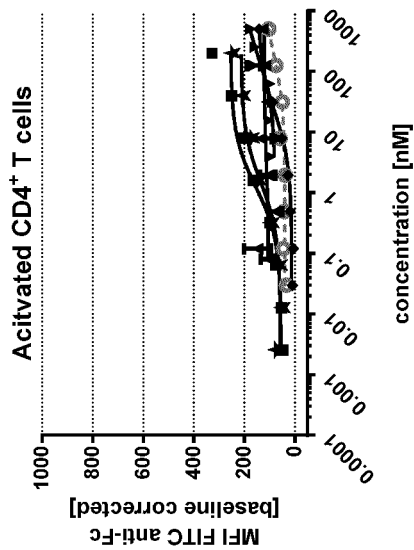
FIG.22A

FIG.23A



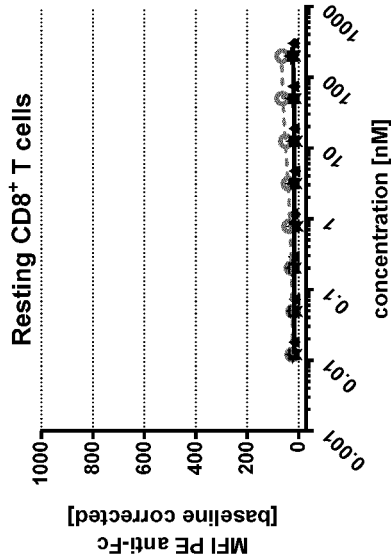
- 4-1BB (25G7) huIgG1 P329G LALA
- 4-1BB (12B3) huIgG1 P329G LALA
- 4-1BB (11D5) huIgG1 P329G LALA

FIG.23B



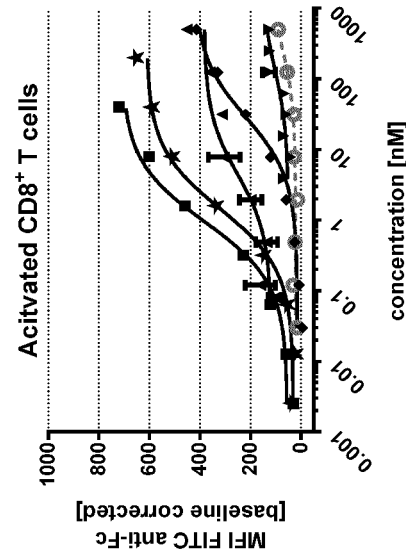
- 4-1BB (9B11) huIgG1 P329G LALA
- mo4-1BB (20G2) huIgG1 P329G LALA
- DP47 huIgG1 P329G LALA (isotype control)

FIG.23C



- 4-1BB (25G7) huIgG1 P329G LALA
- 4-1BB (12B3) huIgG1 P329G LALA
- 4-1BB (11D5) huIgG1 P329G LALA

FIG.23D



- 4-1BB (9B11) huIgG1 P329G LALA
- mo4-1BB (20G2) huIgG1 P329G LALA
- DP47 huIgG1 P329G LALA (isotype control)

FIG.24A

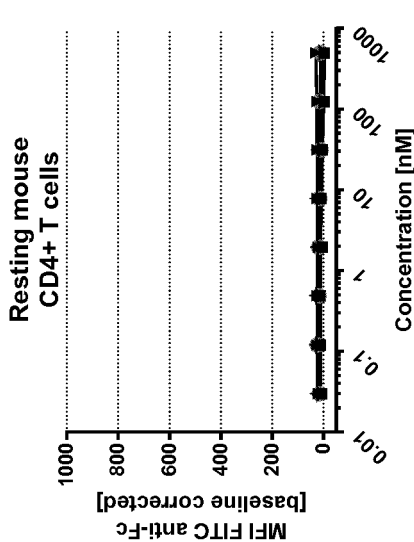


FIG.24C

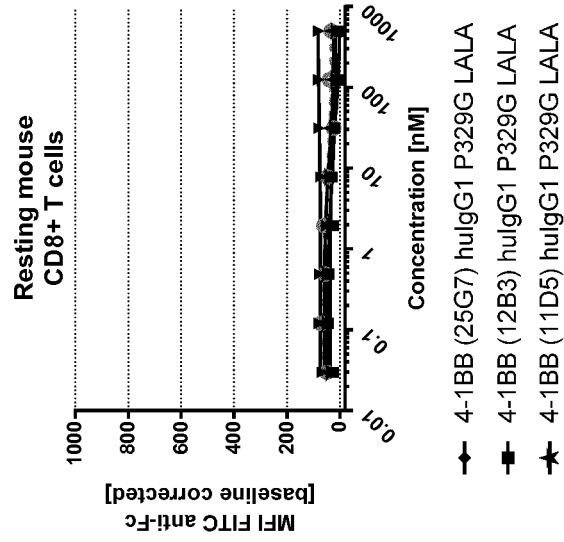


FIG.24B

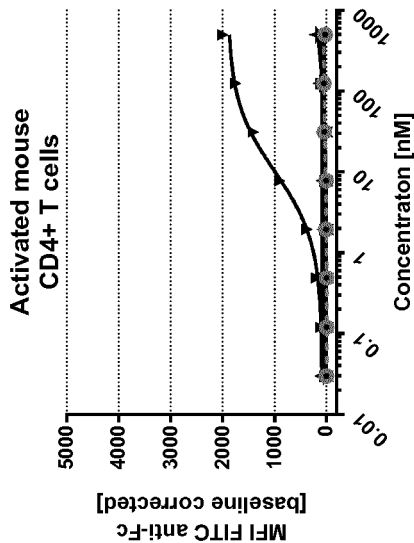
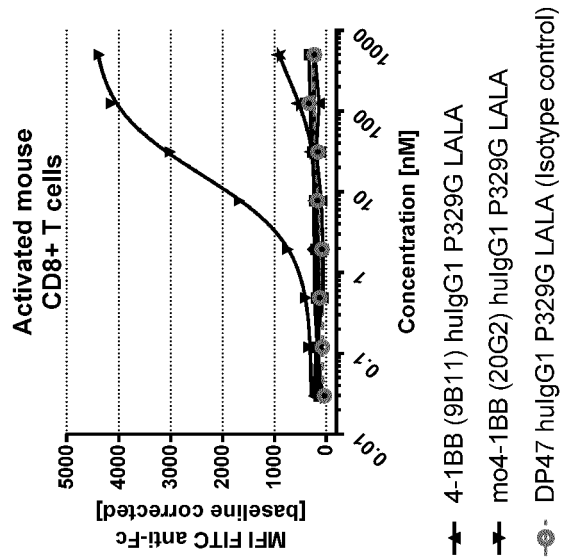


FIG.24D



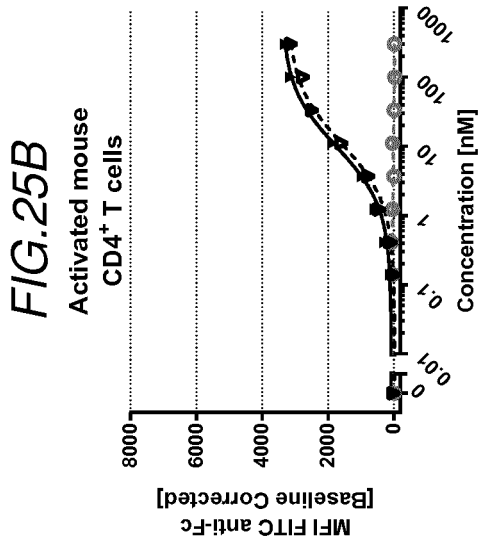
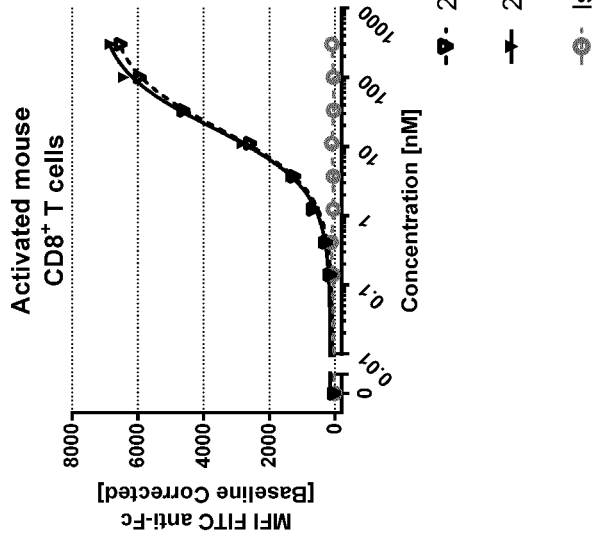
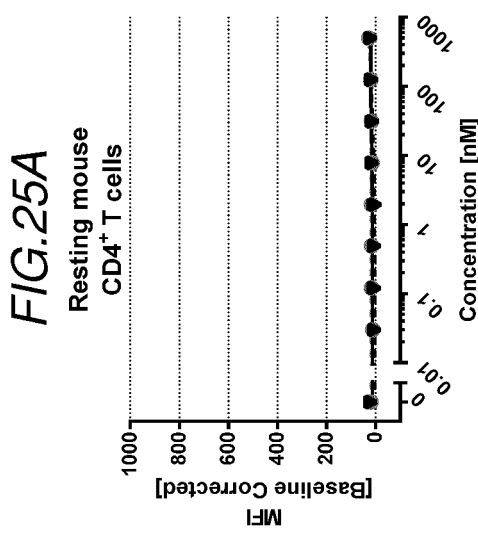
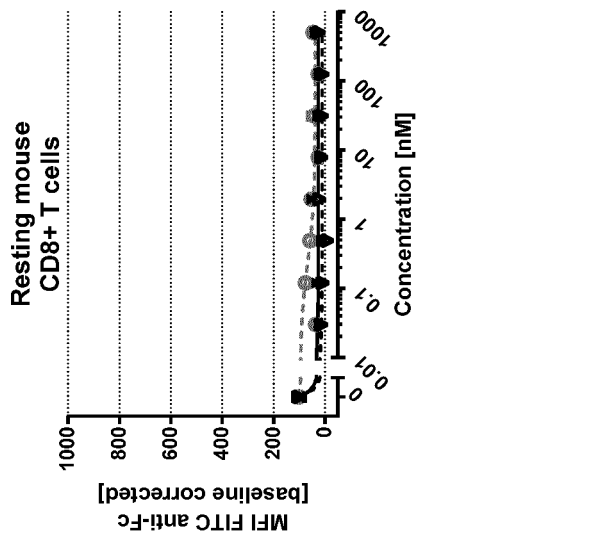


FIG.26A

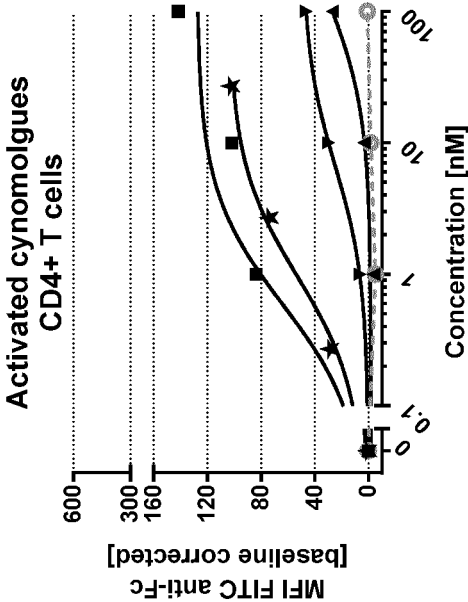
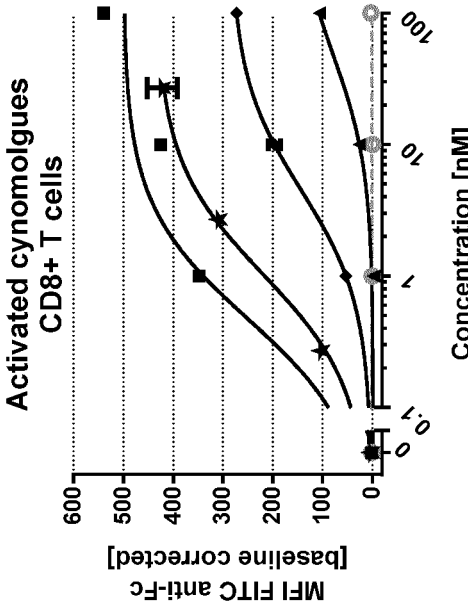


FIG.26B



- ◆ 4-1BB (25G7) huIgG1 P329G LALA
- 4-1BB (12B3) huIgG1 P329G LALA
- ★ 4-1BB (11D5) huIgG1 P329G LALA
- ▲ 4-1BB (9B11) huIgG1 P329G LALA
- DP47 huIgG1 P329G LALA (Isotype control)

Fig. 27

FIG.27A

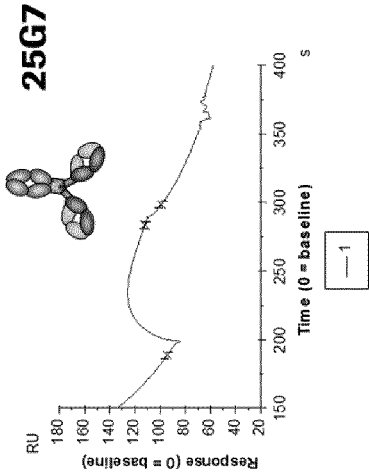


FIG.27B

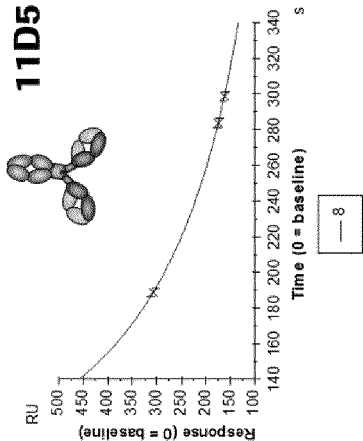


FIG.27C

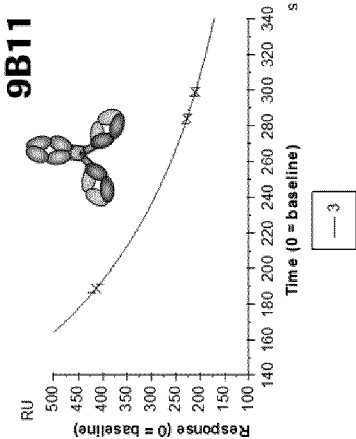


FIG.27D

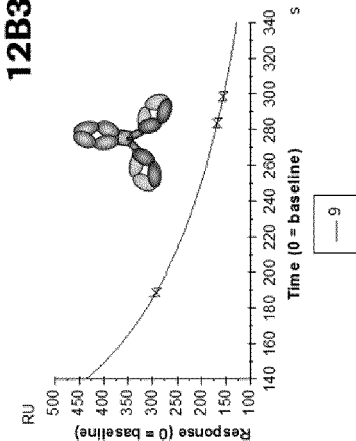


FIG.27E

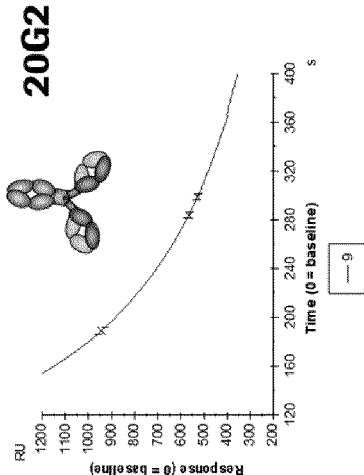


Fig. 28

FIG.28A

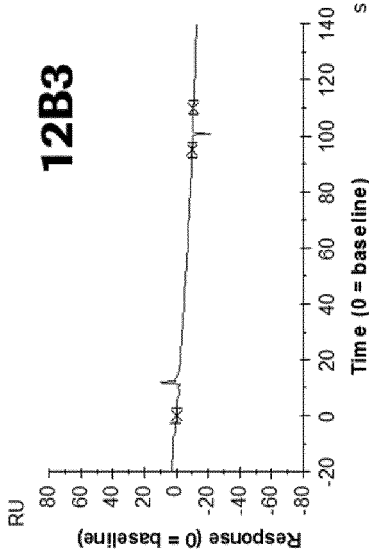


FIG.28B

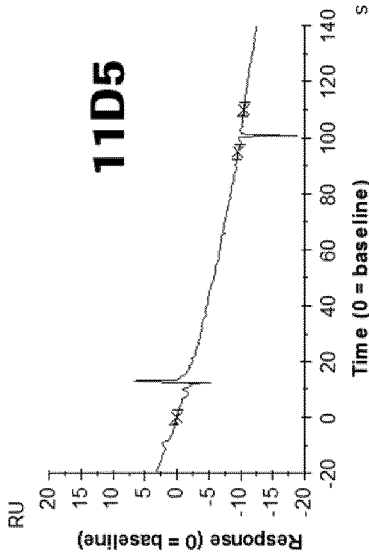


FIG.28C

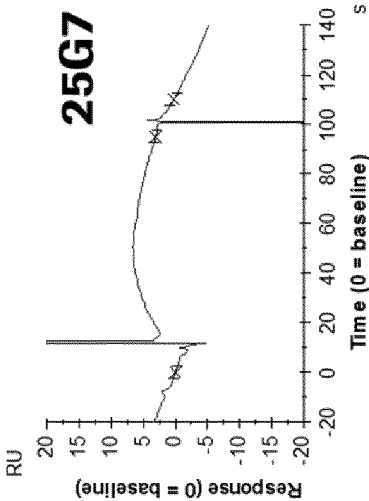


Fig. 28

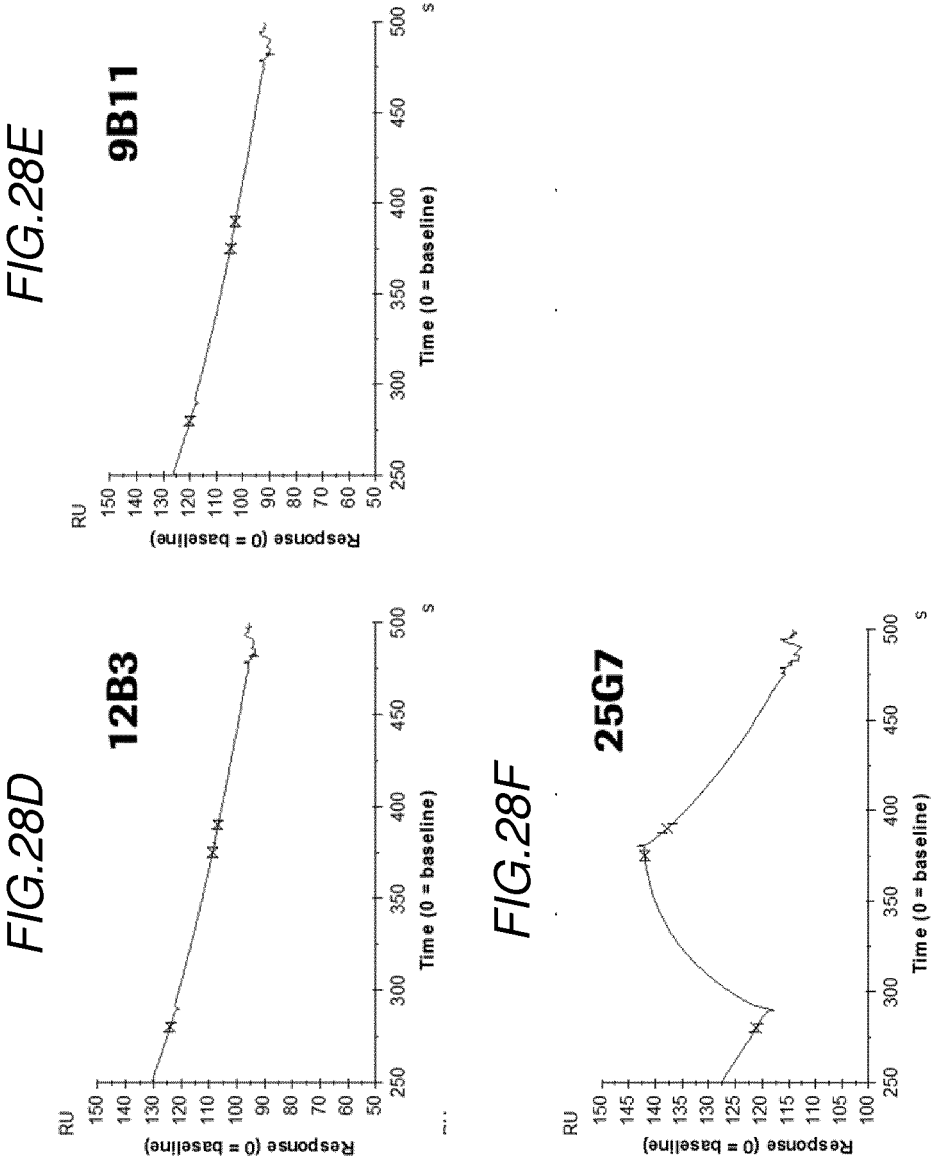


Fig. 29

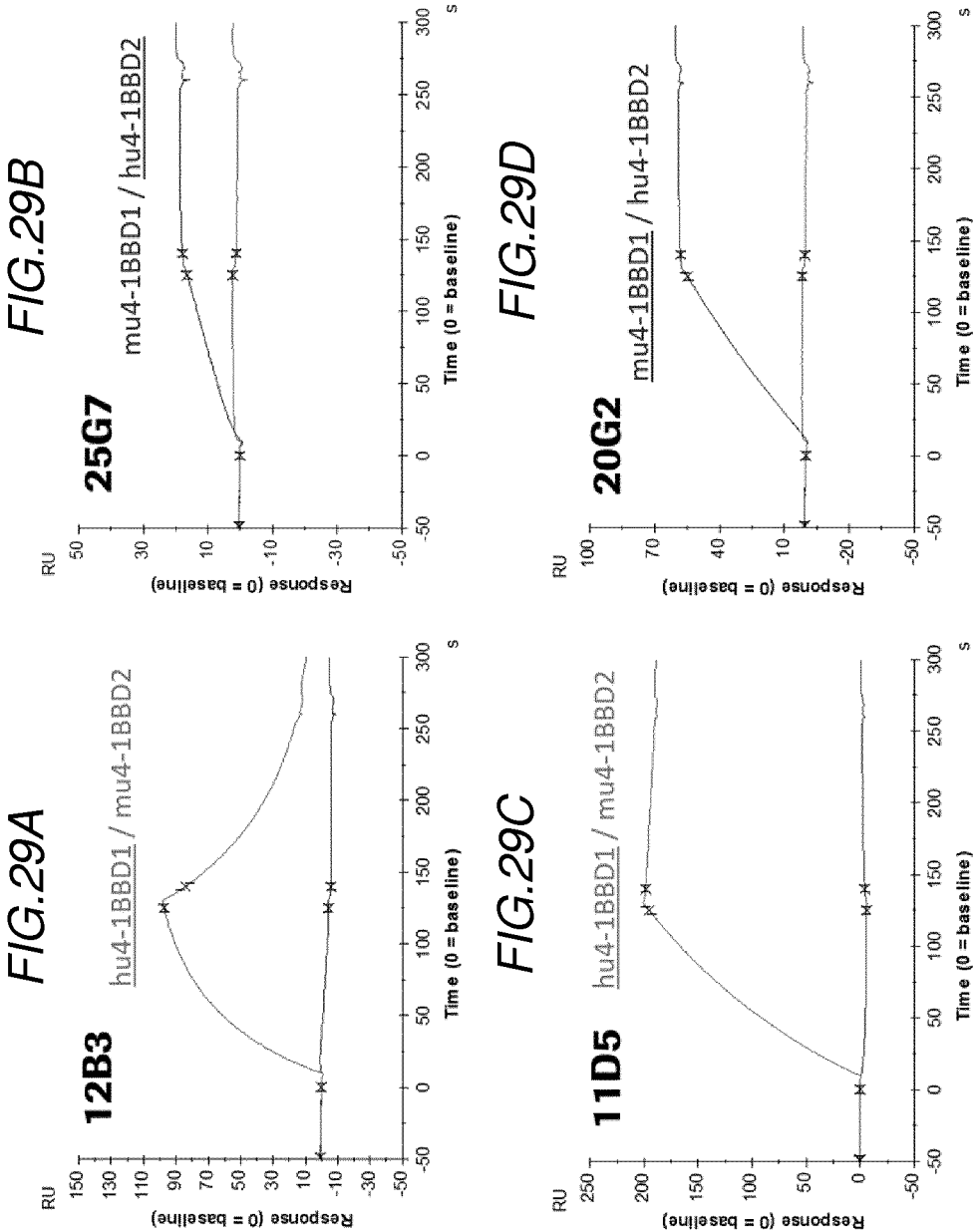


Fig. 30

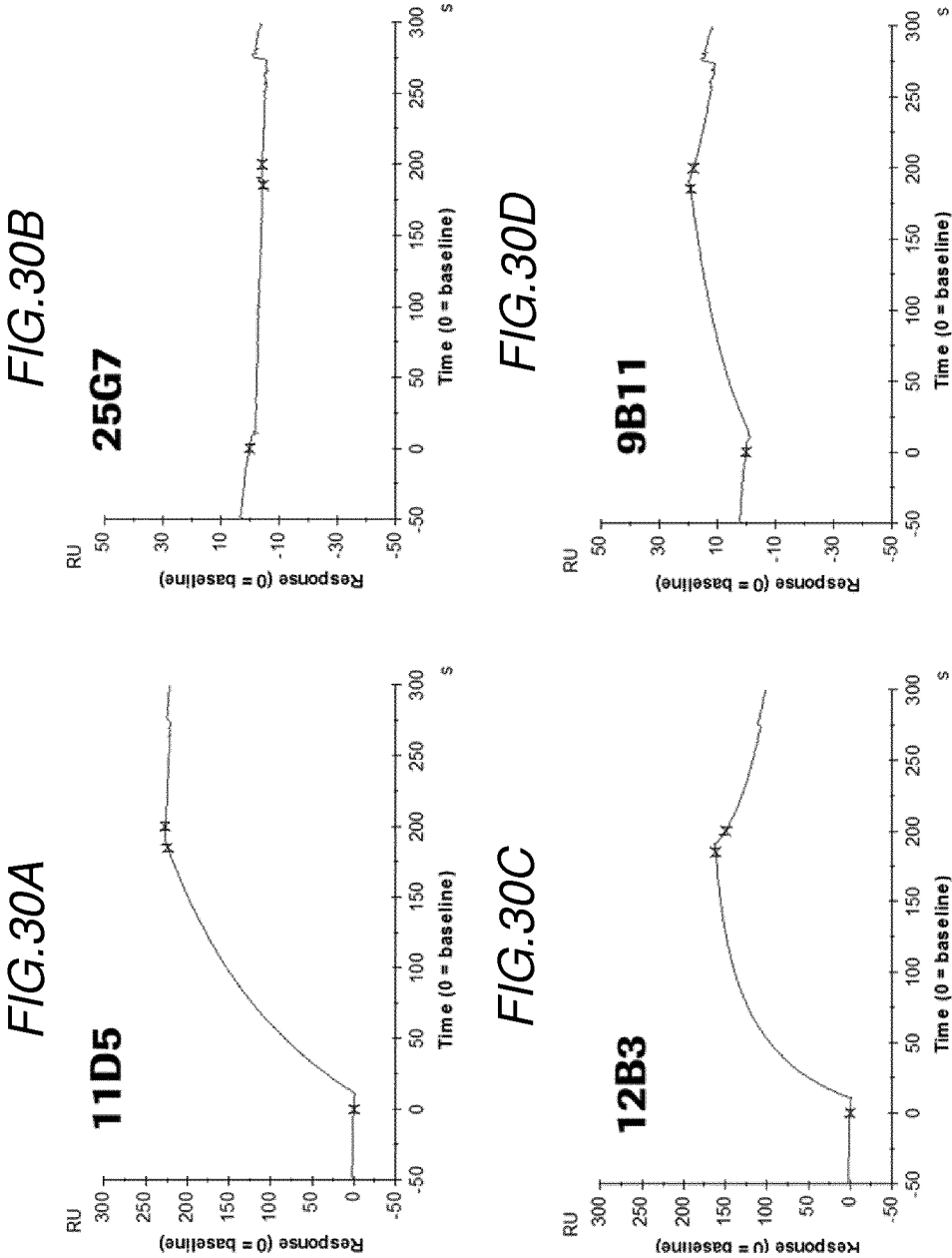


Fig. 31

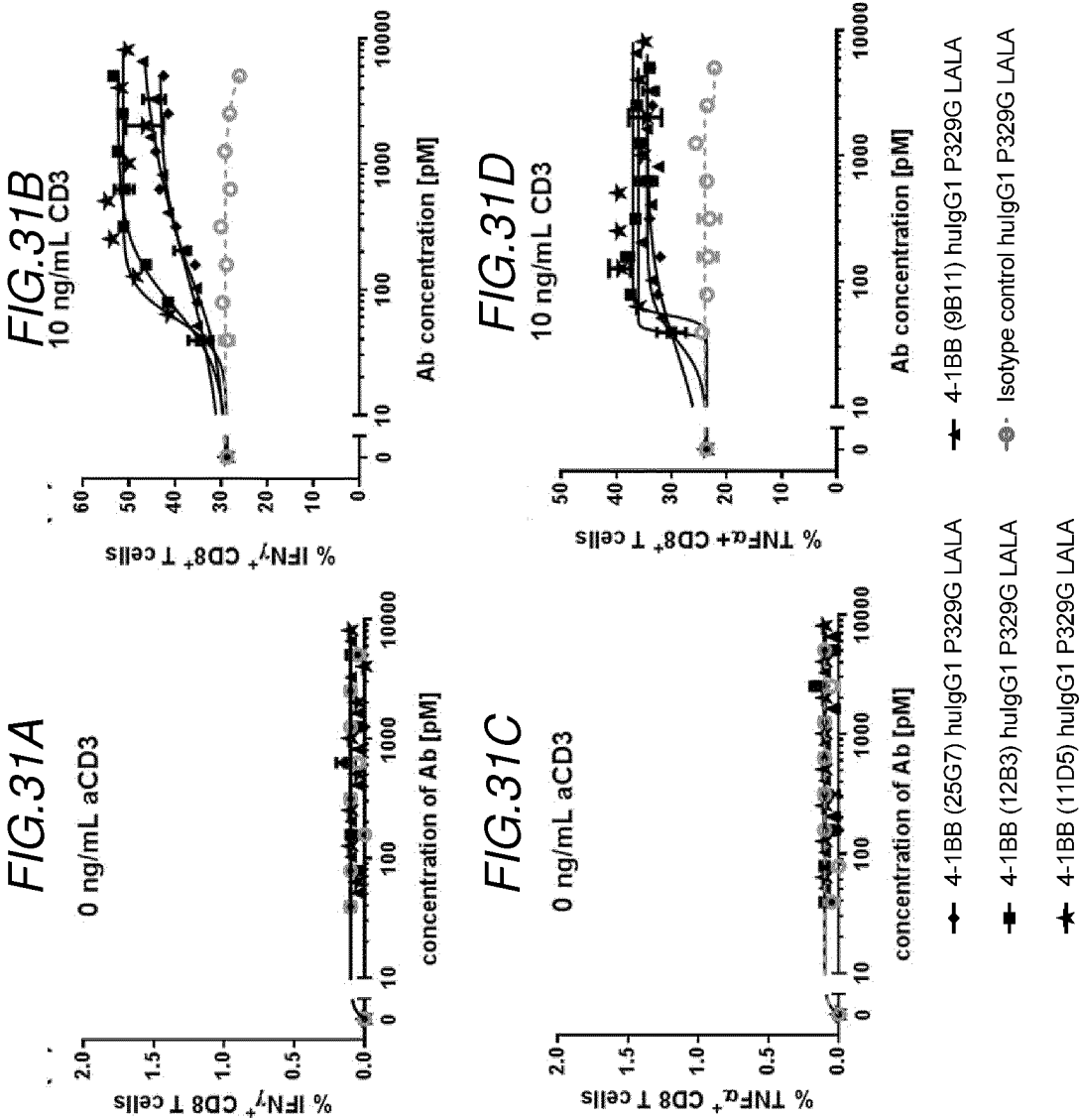
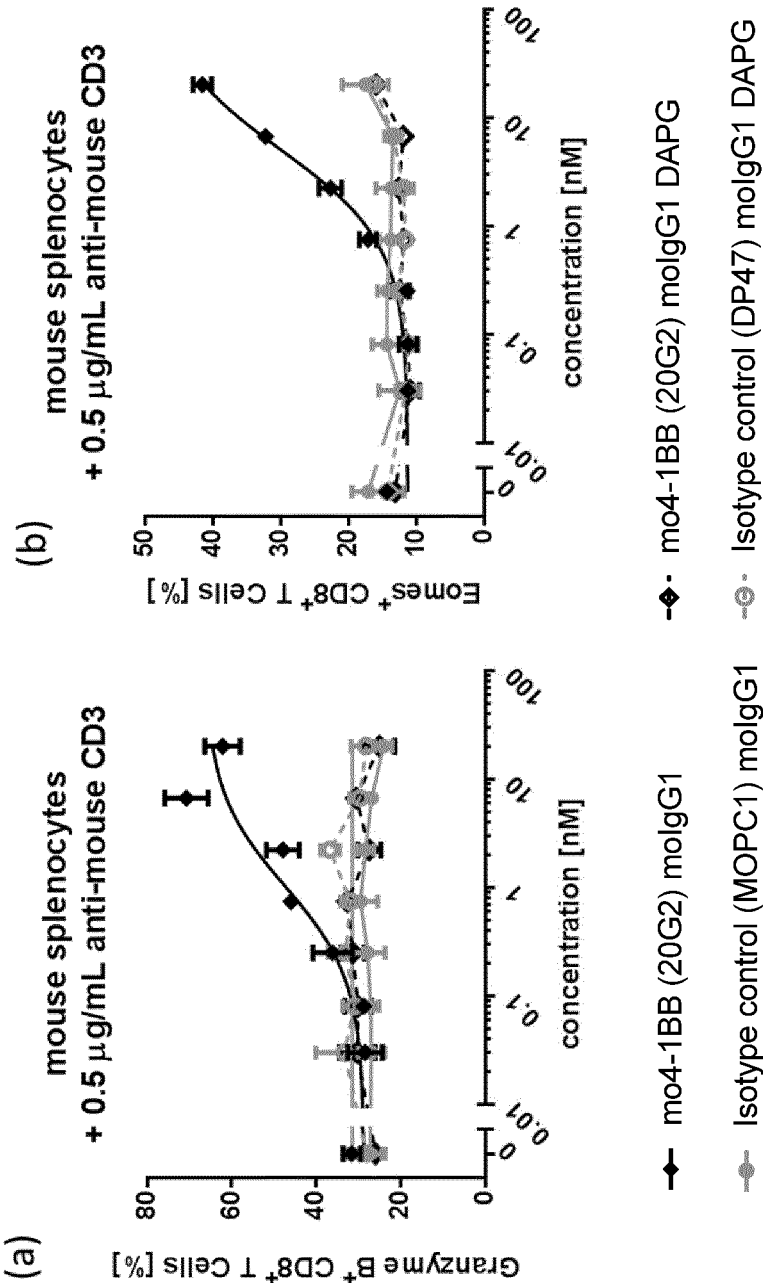


Fig. 32



50/66

Fig. 33

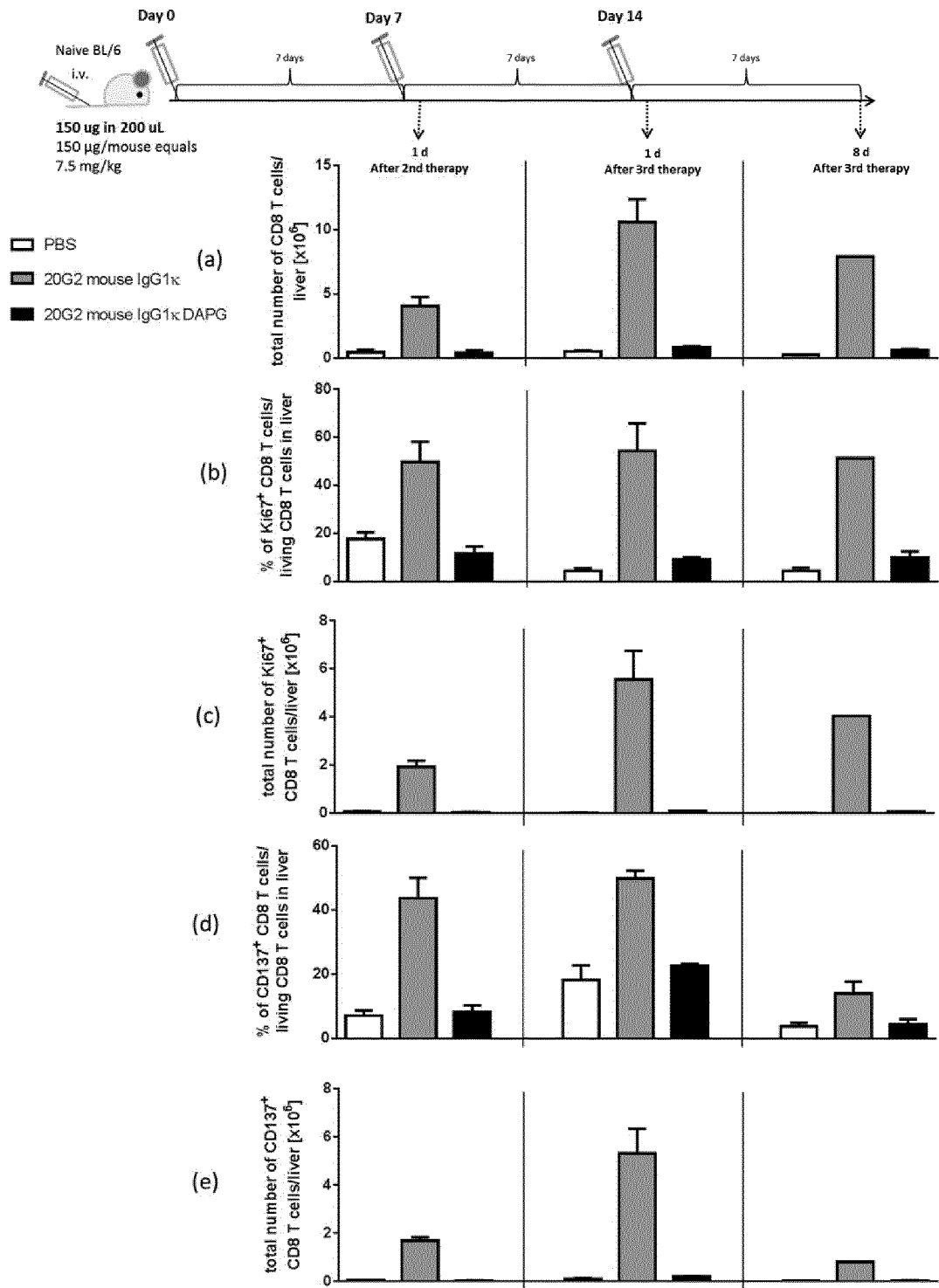


Fig. 34

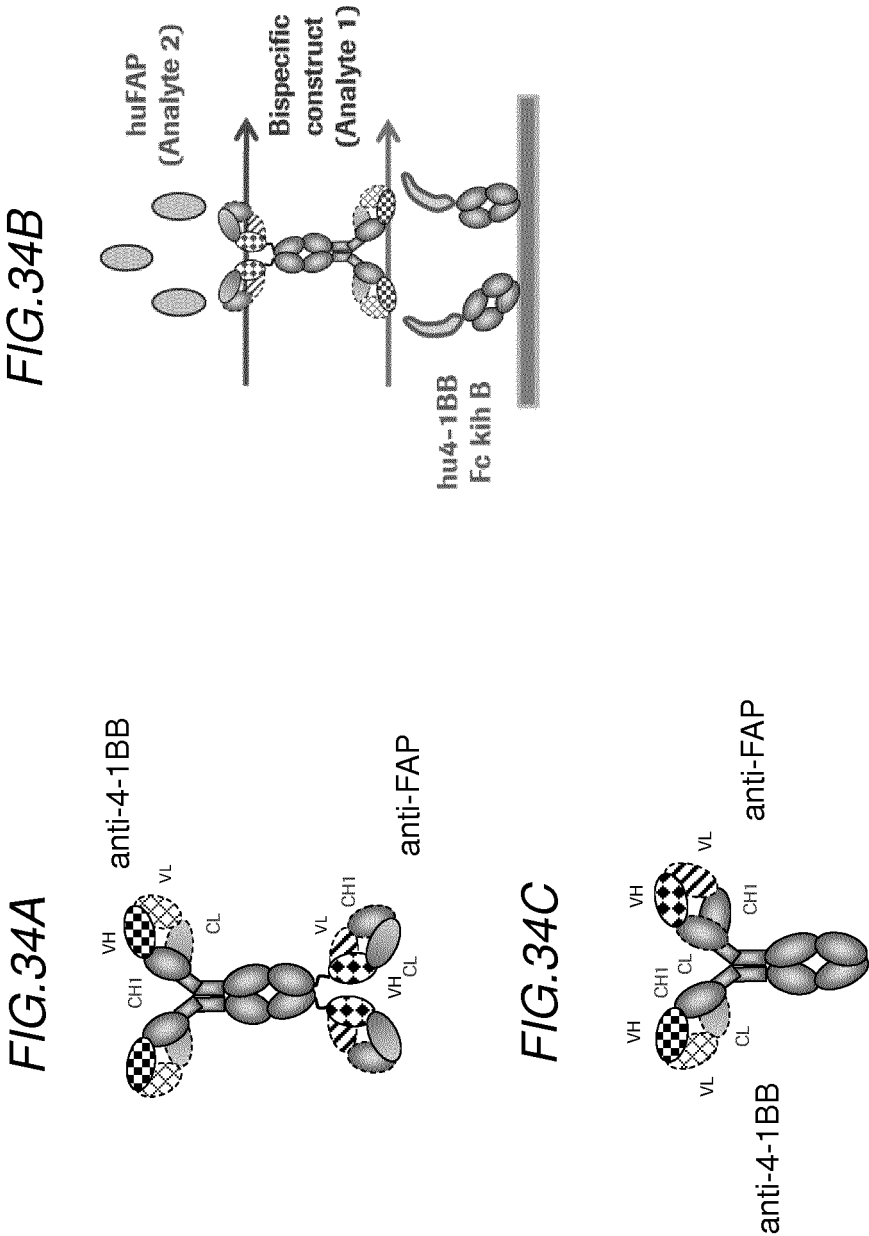


Fig. 35

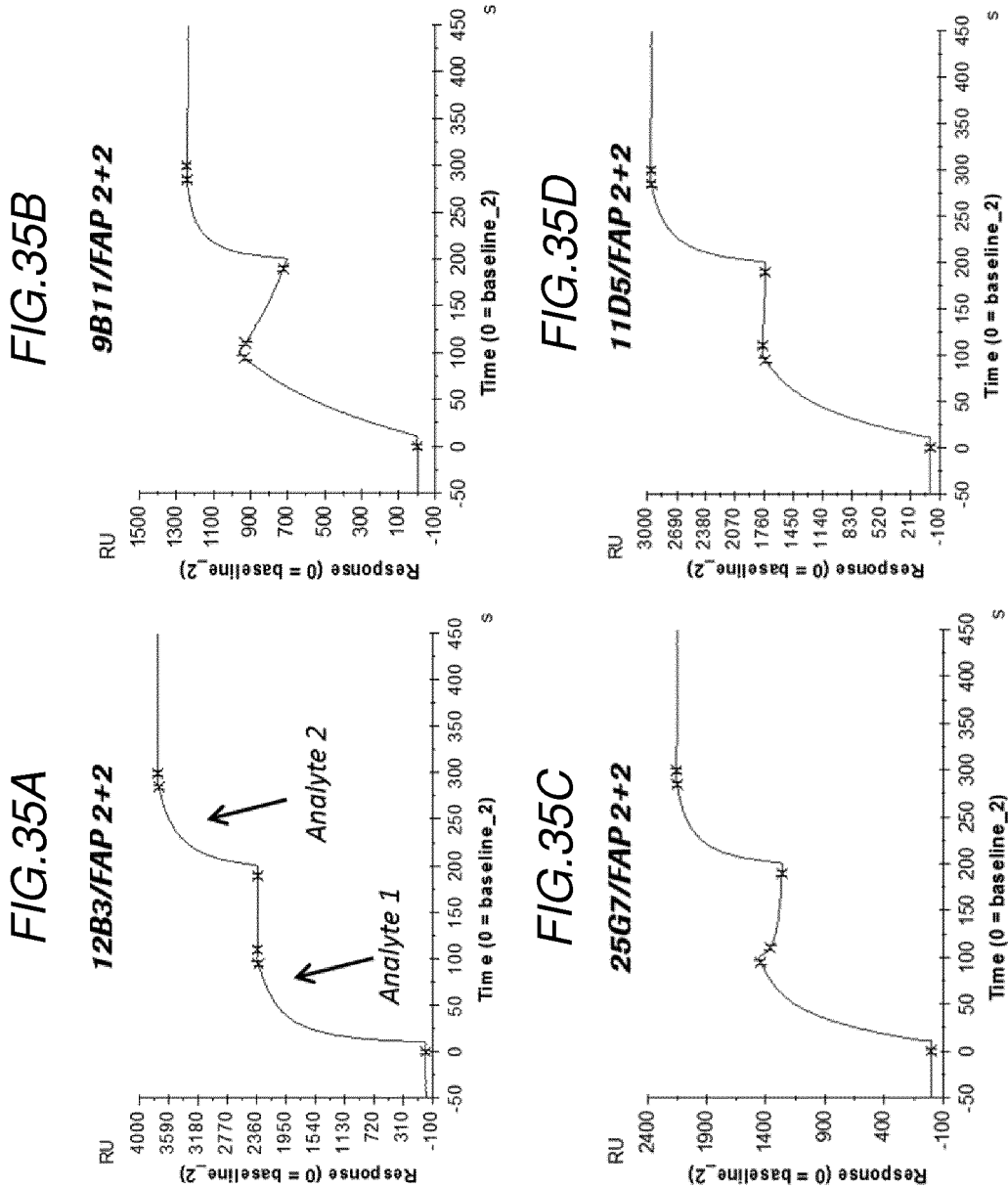


Fig. 36

FIG.36A

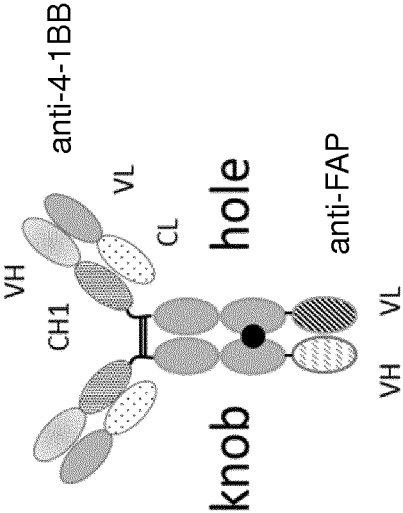


FIG.36B

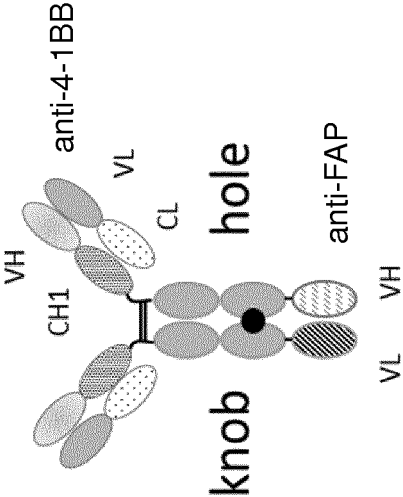


Fig. 37

FIG.37A

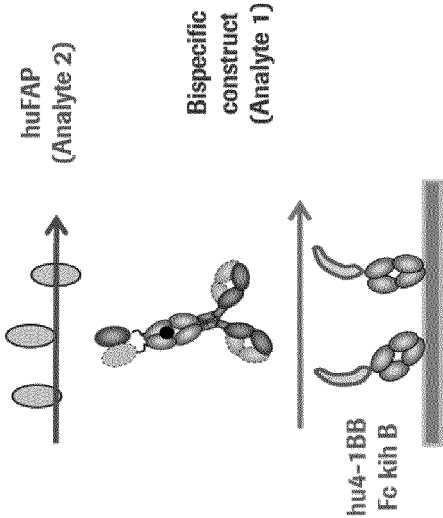


FIG.37B

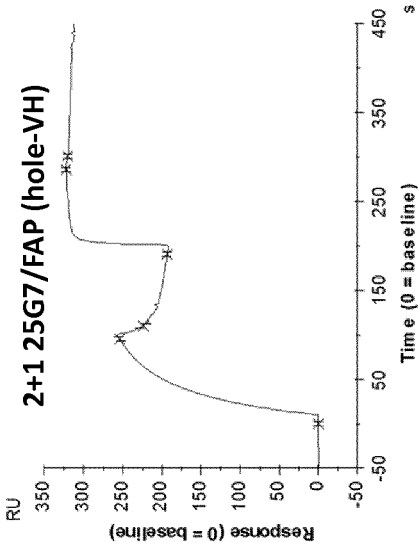
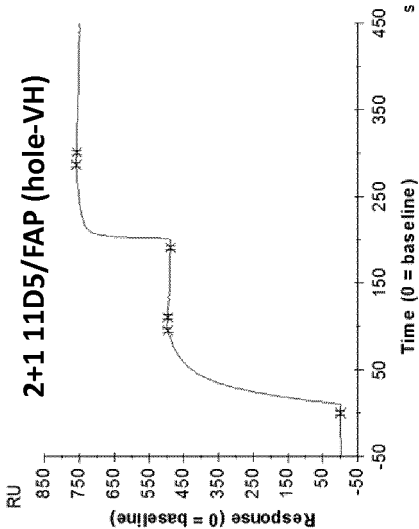
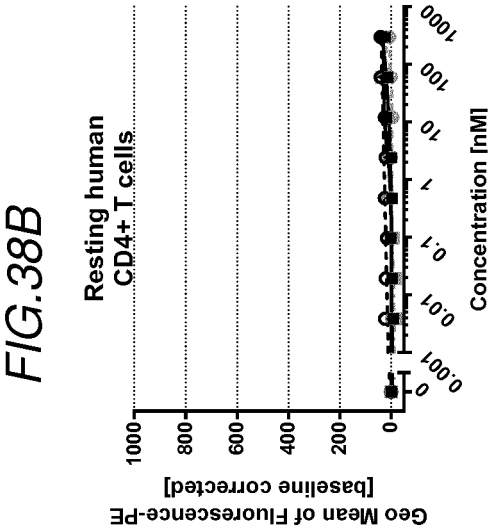
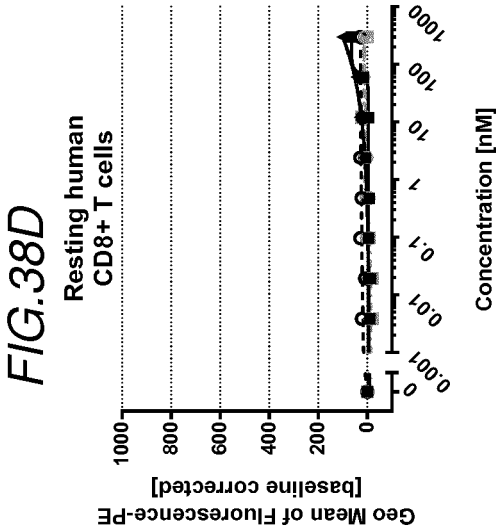
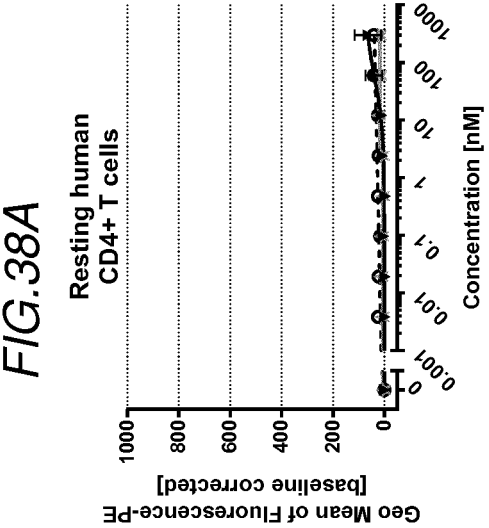
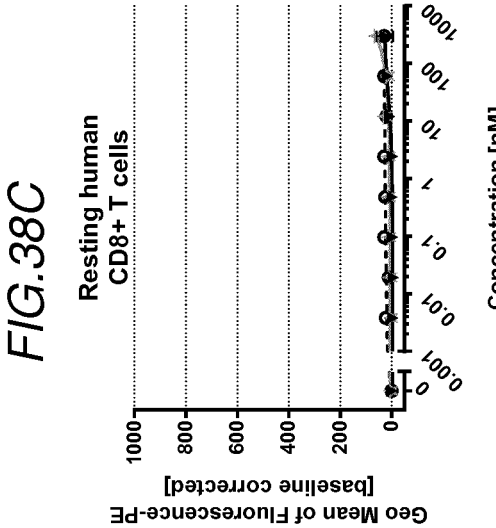


FIG.37C





- DP47 hulG1 P329G LALA (isotype control)
- 4-1BB (12B3) hulG1 P329G LALA
- ▲ 4-1BB (12B3) x FAP (28H1) 2+2
- 4-1BB (12B3) x FAP (28H1) 1+1



- DP47 hulG1 P329G LALA (isotype control)
- ★ 4-1BB (11D5) hulG1 P329G LALA
- 4-1BB (11D5) x FAP (28H1) 2+2

FIG.38E

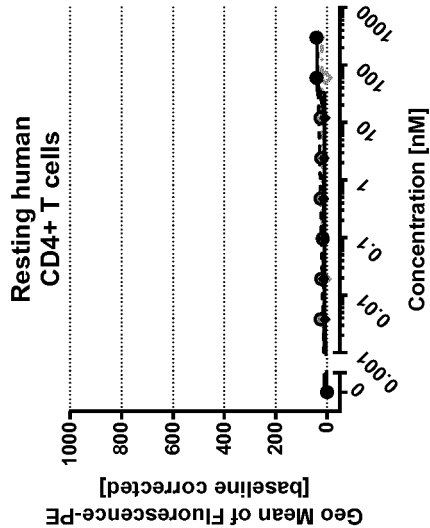
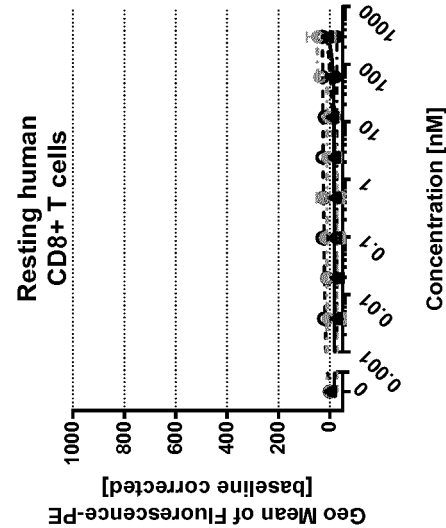


FIG.38F



- DP47 hulgG1 P329G LALA (Isotype control)
- ◆ 4-1BB (25G7) hulgG1 P329G LALA
- ▲ 4-1BB (25G7) x FAP (28H1) 2+2
- △ 4-1BB (25G7) x DP47 2+2
- 4-1BB (25G7) x FAP (28H1) 1+1
- 4-1BB (25G7) x DP47 1+1

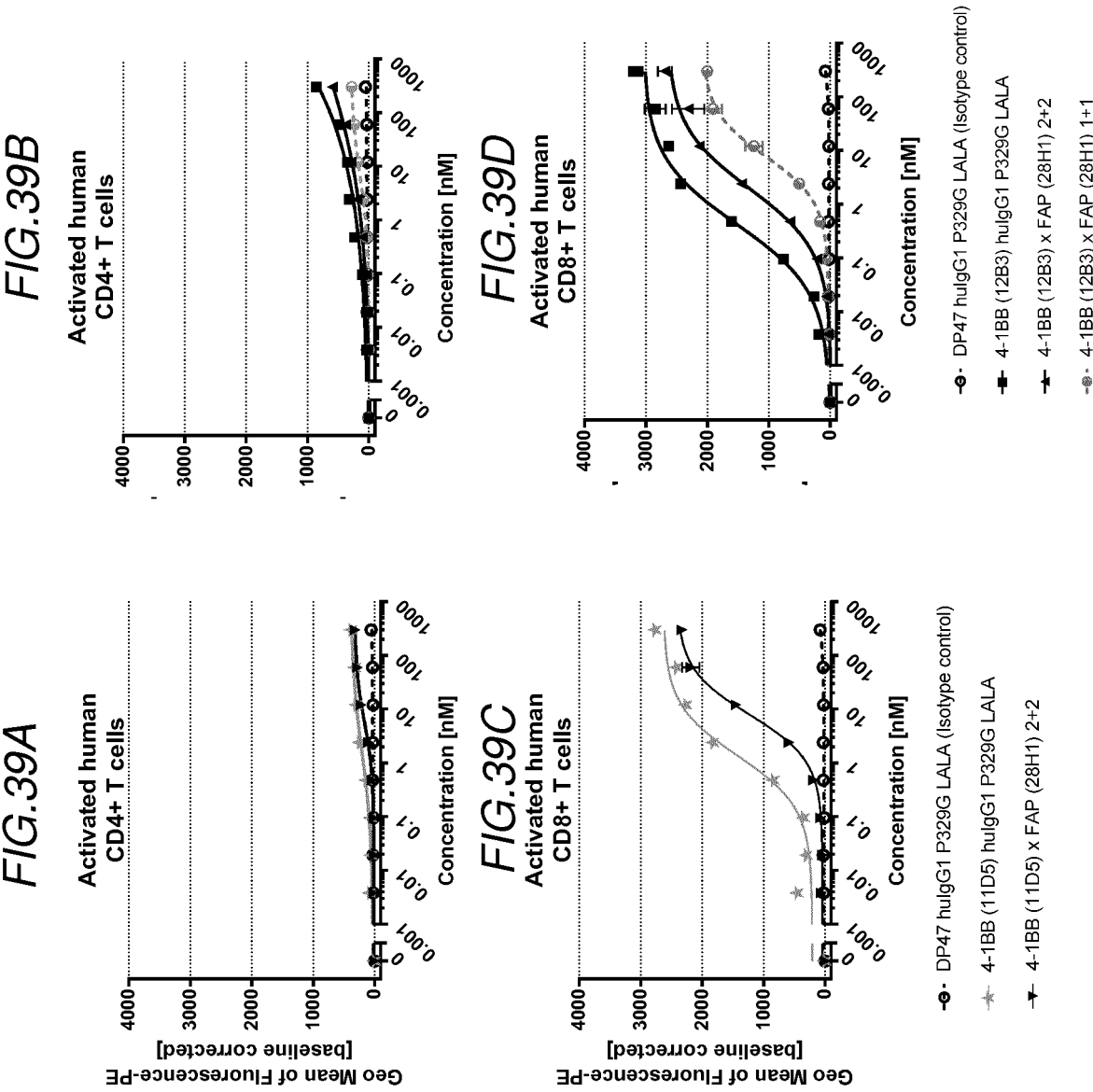


FIG.39E

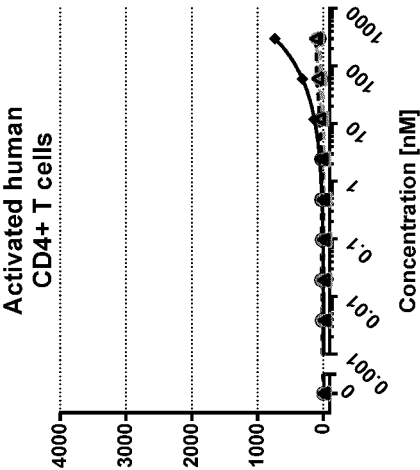
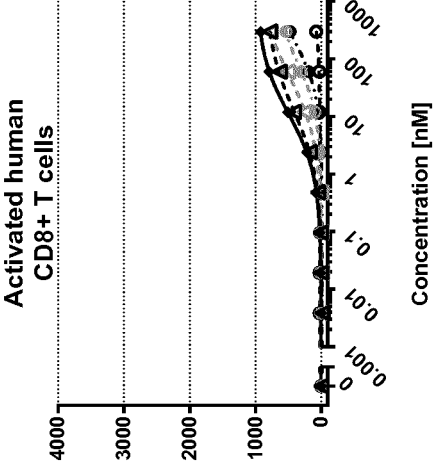


FIG.39F



- DP47 hulG1 P329G LALA (isotype control)
- 4-1BB (25G7) hulG1 P329G LALA
- ▲- 4-1BB (25G7) x FAP (28H1) 2+2
- △- 4-1BB (25G7) x DP47 2+2
- ◐- 4-1BB (25G7) x FAP (28H1) 1+1
- ◑- 4-1BB (25G7) x DP47 1+1

Fig. 40

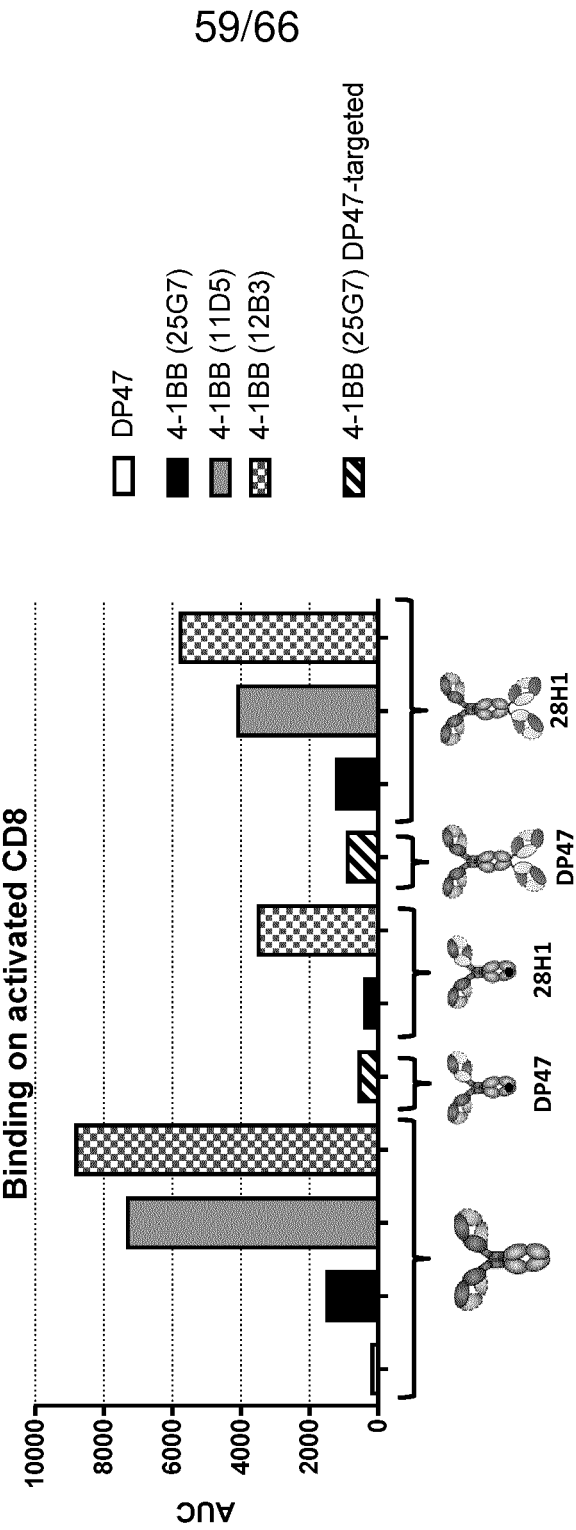


FIG.41A

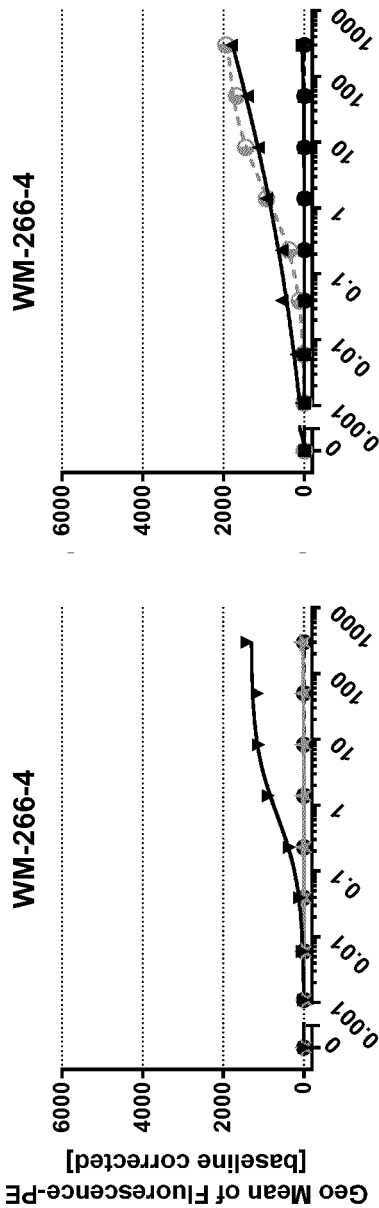


FIG.41B

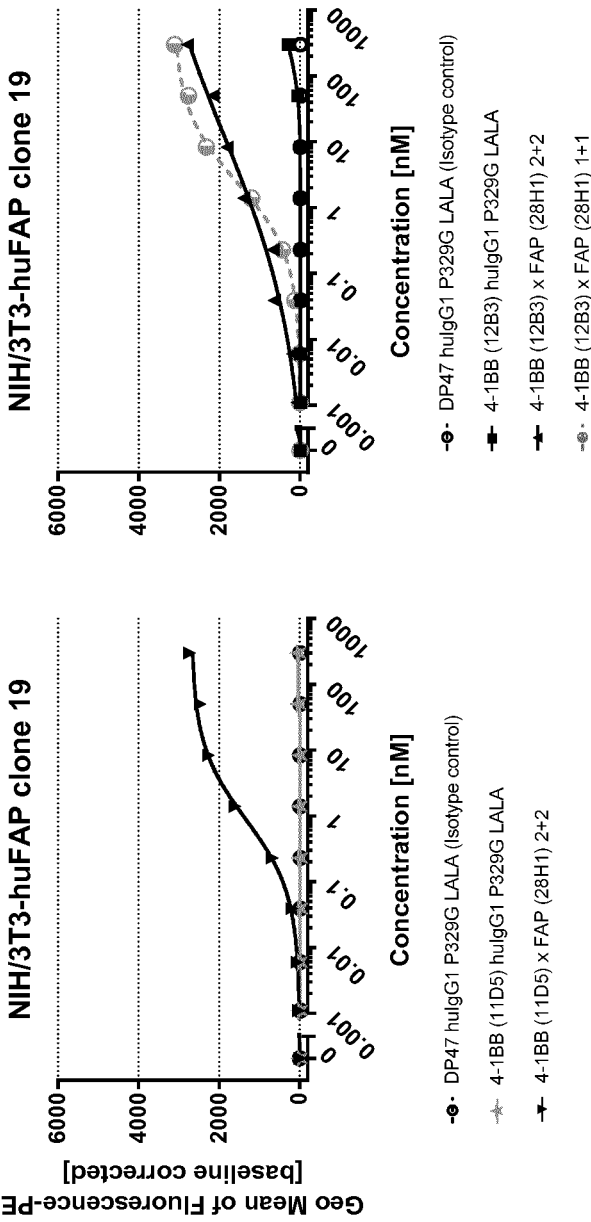


FIG.41C

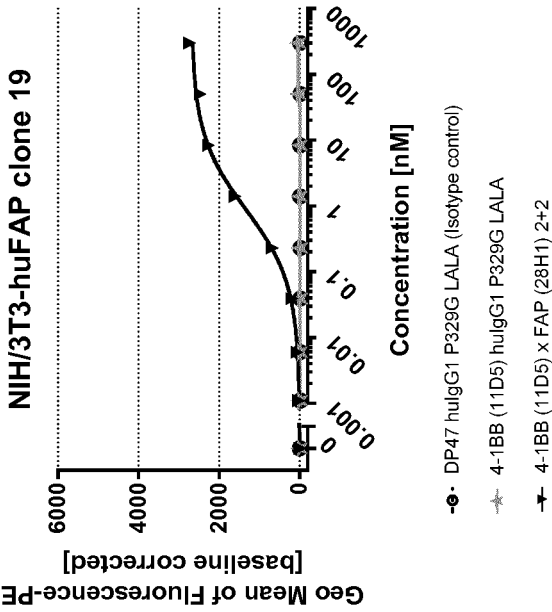


FIG. 41E

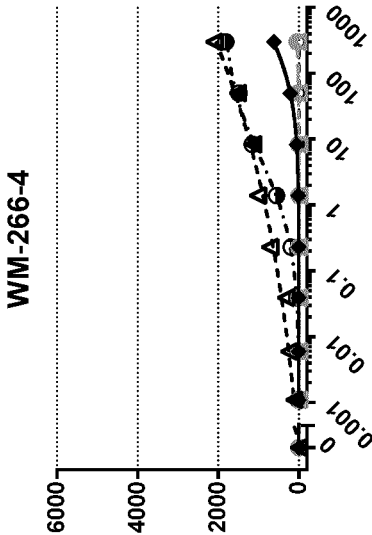
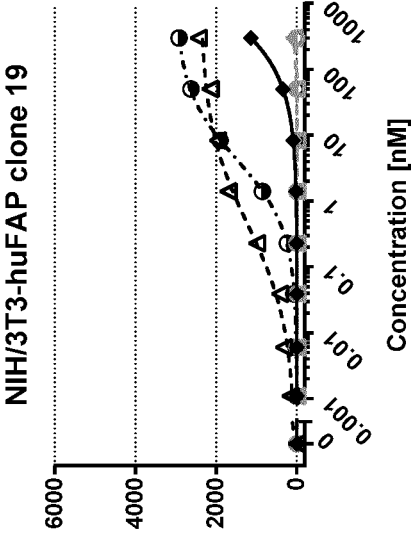


FIG. 41F



- DP47 hulG1 P329G LALA (isotype control)
- ◆- 4-1BB (25G7) hulG1 P329G LALA
- ▲- 4-1BB (25G7) x FAP (28H1) 2+2
- △- 4-1BB (25G7) x DP47 2+2
- 4-1BB (25G7) x FAP (28H1) 1+1
- 4-1BB (25G7) x DP47 1+1

Fig. 42

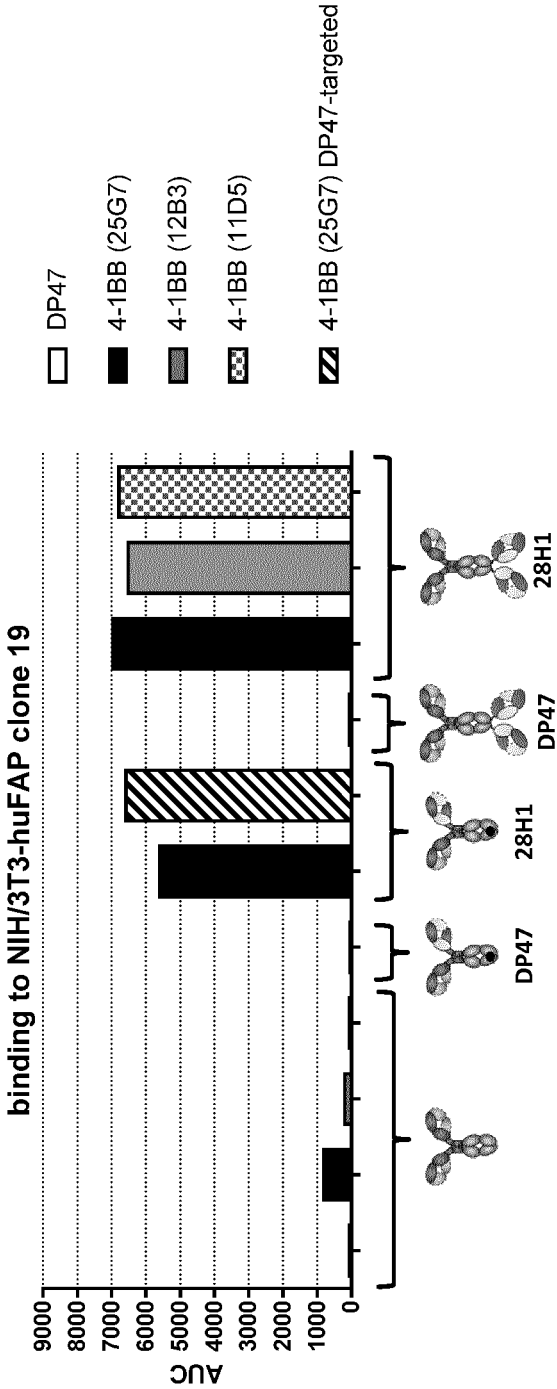


Fig. 43

FIG.43A

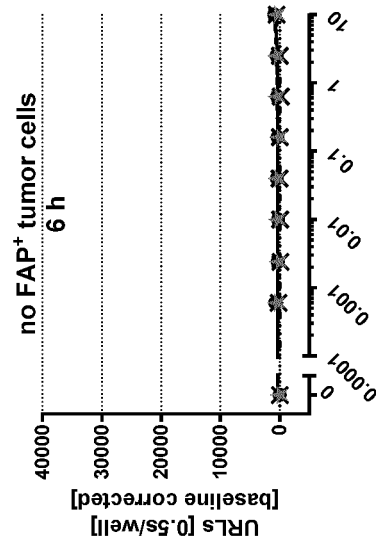


FIG.43C

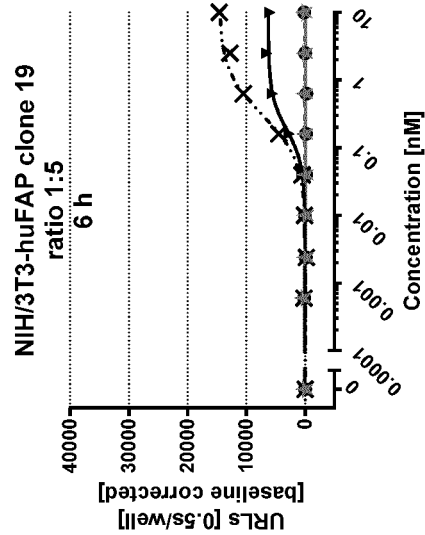


FIG.43B

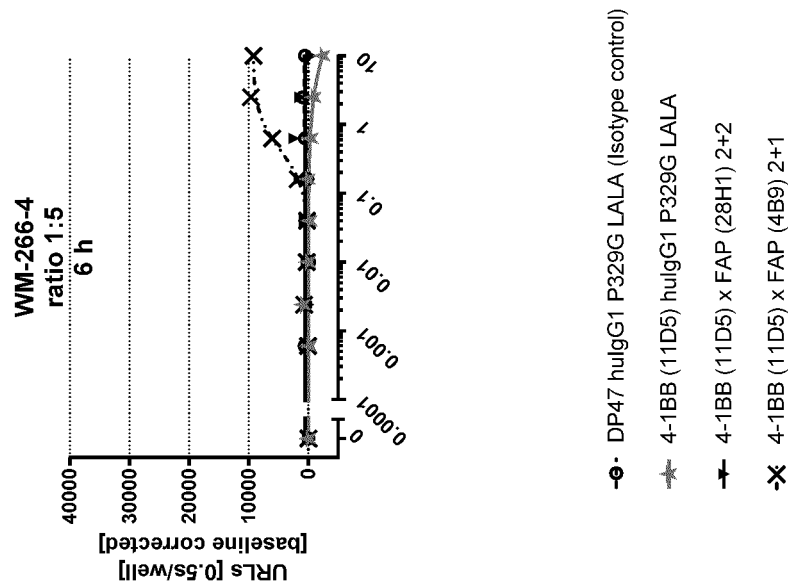


Fig. 43

FIG.43D

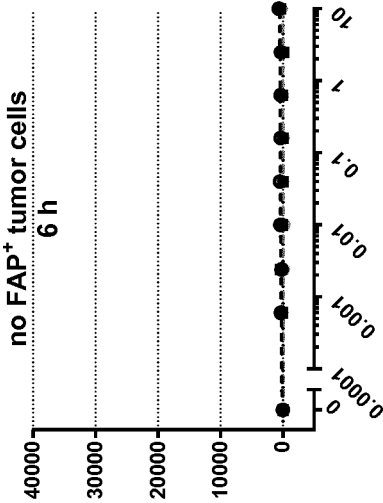


FIG.43E

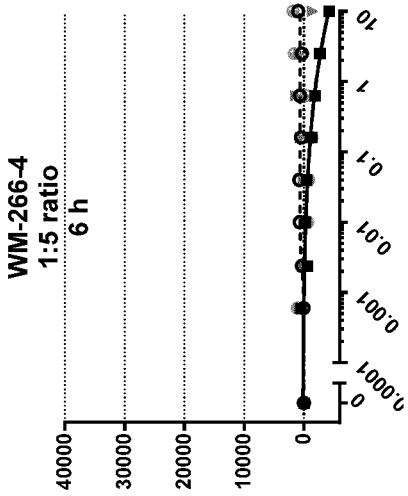
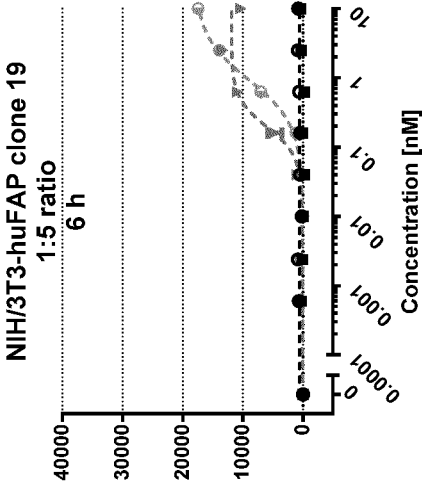


FIG.43F



- DP47 huIgG1 P329G LALA (isotype control)
- 4-1BB (12B3) huIgG1 P329G LALA
- ▲ 4-1BB (12B3) x FAP (28H1) 2+2
- 4-1BB (12B3) x FAP (28H1) 1+1

Fig. 43

FIG.43G

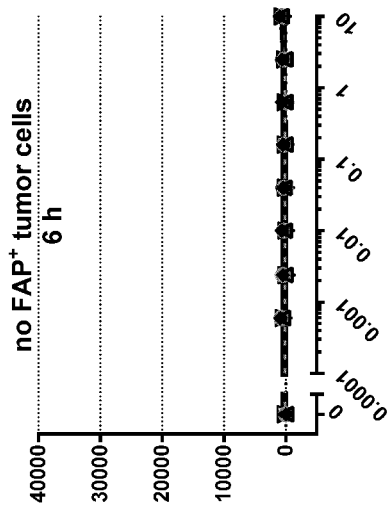


FIG.43H

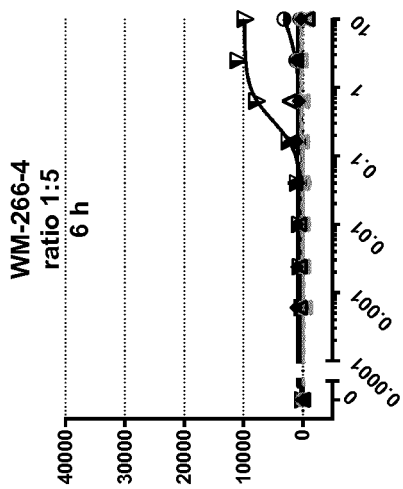
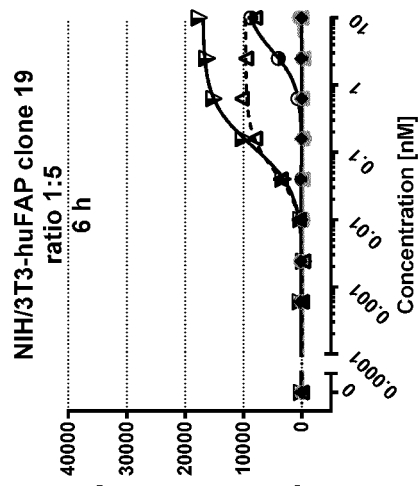


FIG.43I



- DP47 hulG1 P329G LALA (isotype control)
- 4-1BB (25G7) hulG1 P329G LALA
- 4-1BB (25G7) x FAP (28H1) 2+2
- 4-1BB (25G7) x DP47 2+2
- 4-1BB (25G7) x FAP (28H1) 1+1
- 4-1BB (25G7) x DP47 1+1
- 4-1BB (25G7) x FAP (4B9) 2+1

66/66

Fig. 44

FIG.44A

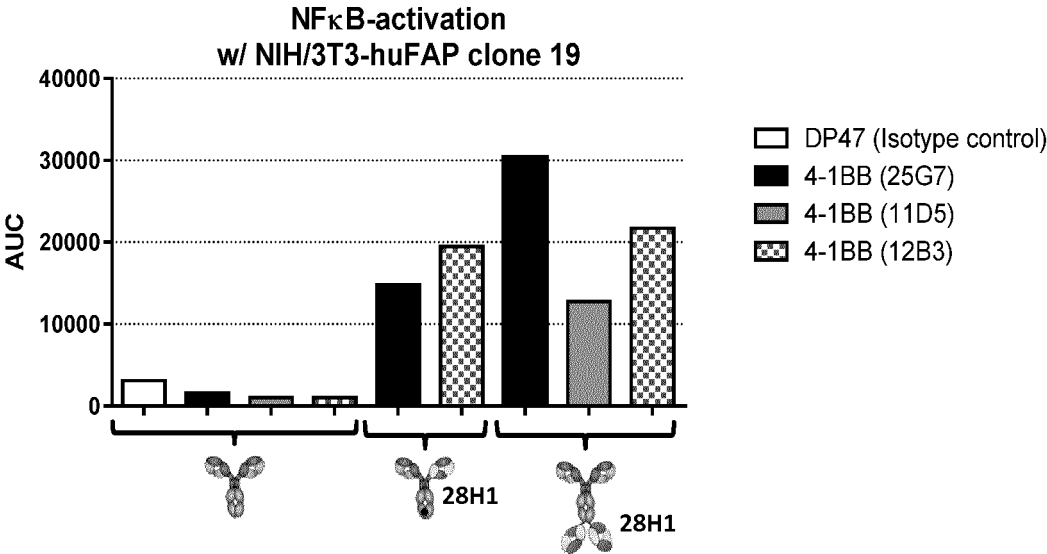


FIG.44B

