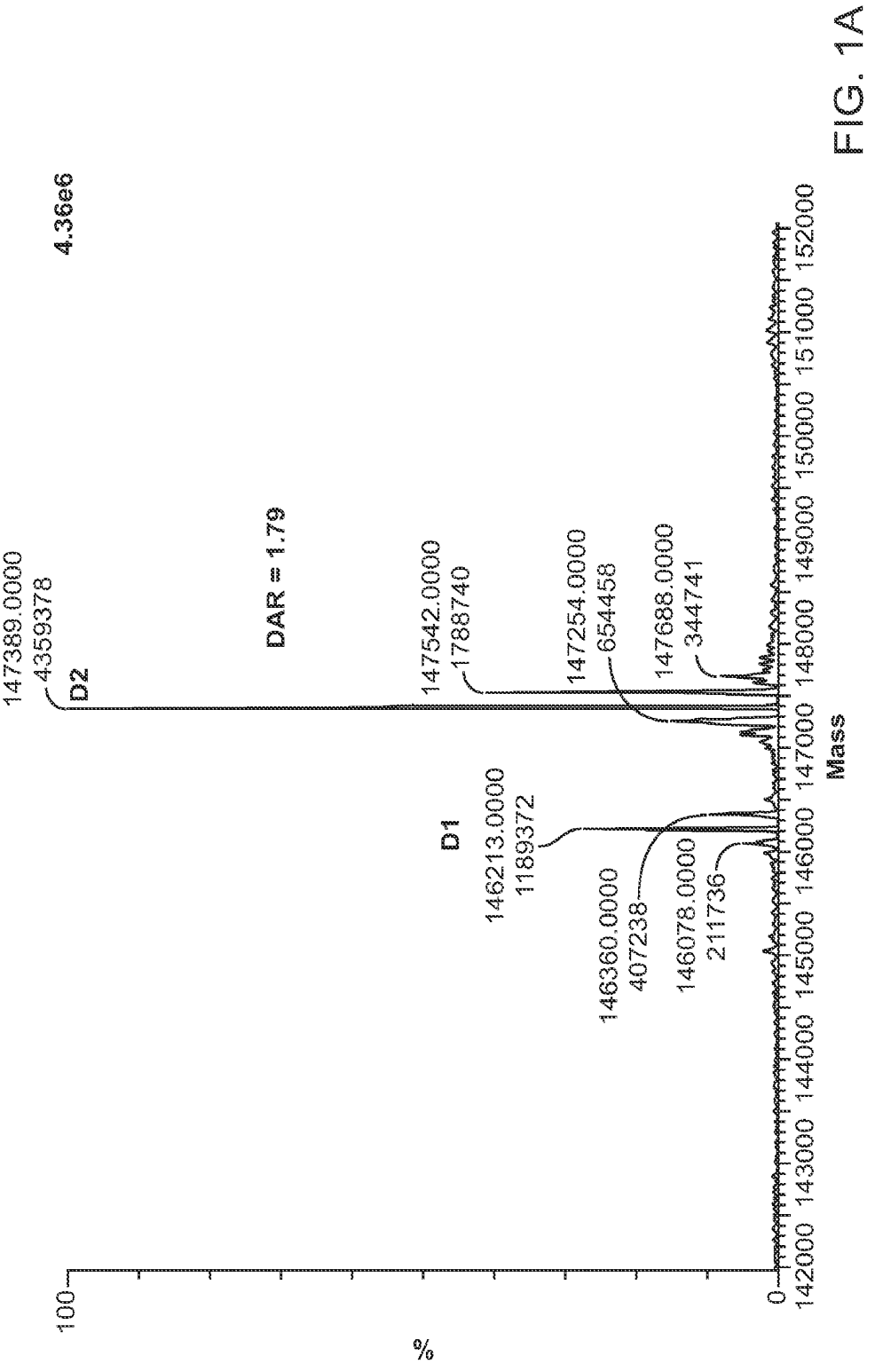


FIG. 1A

SUBSTITUTE SHEET (RULE 26)

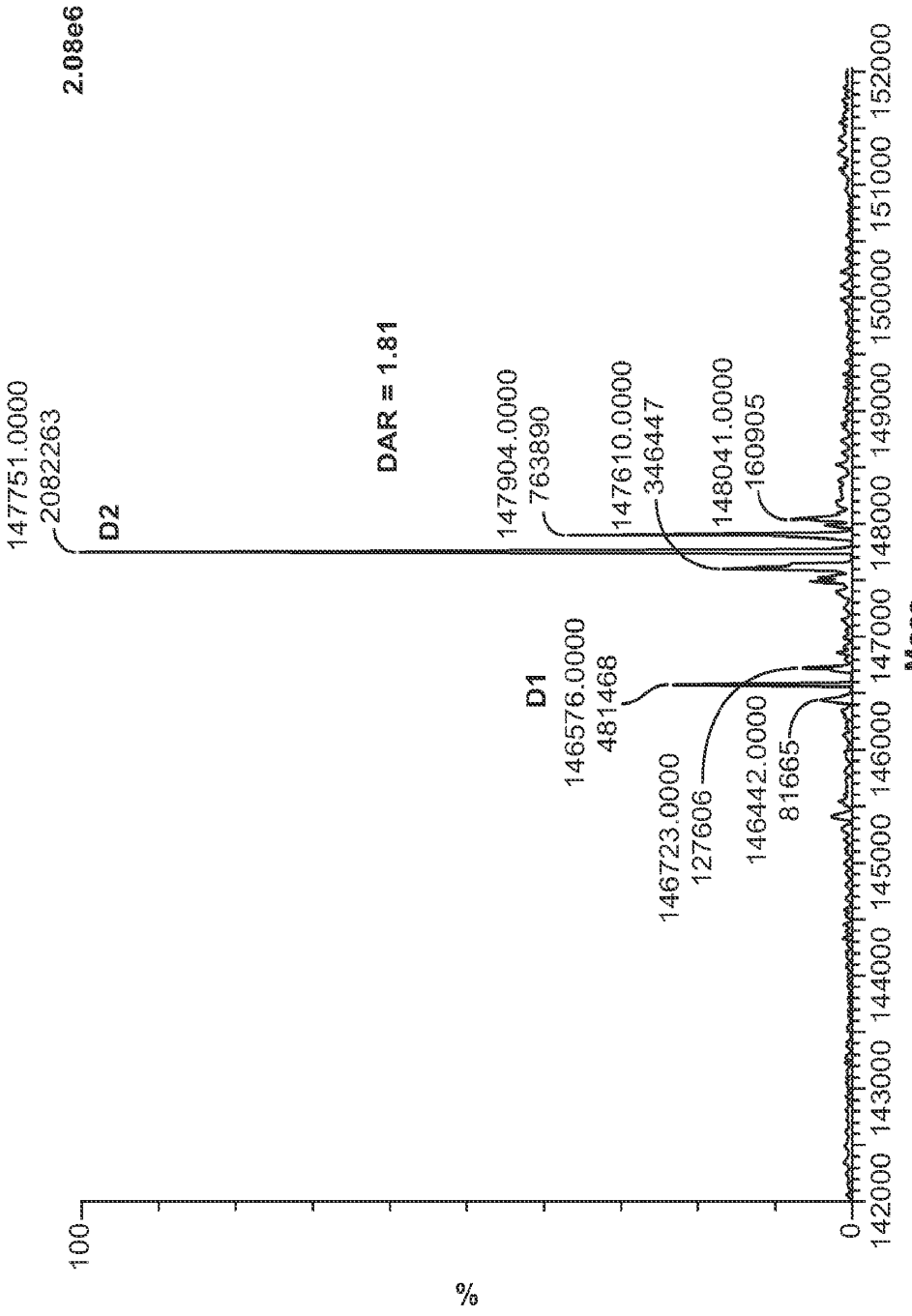


FIG. 1B

SUBSTITUTE SHEET (RULE 26)

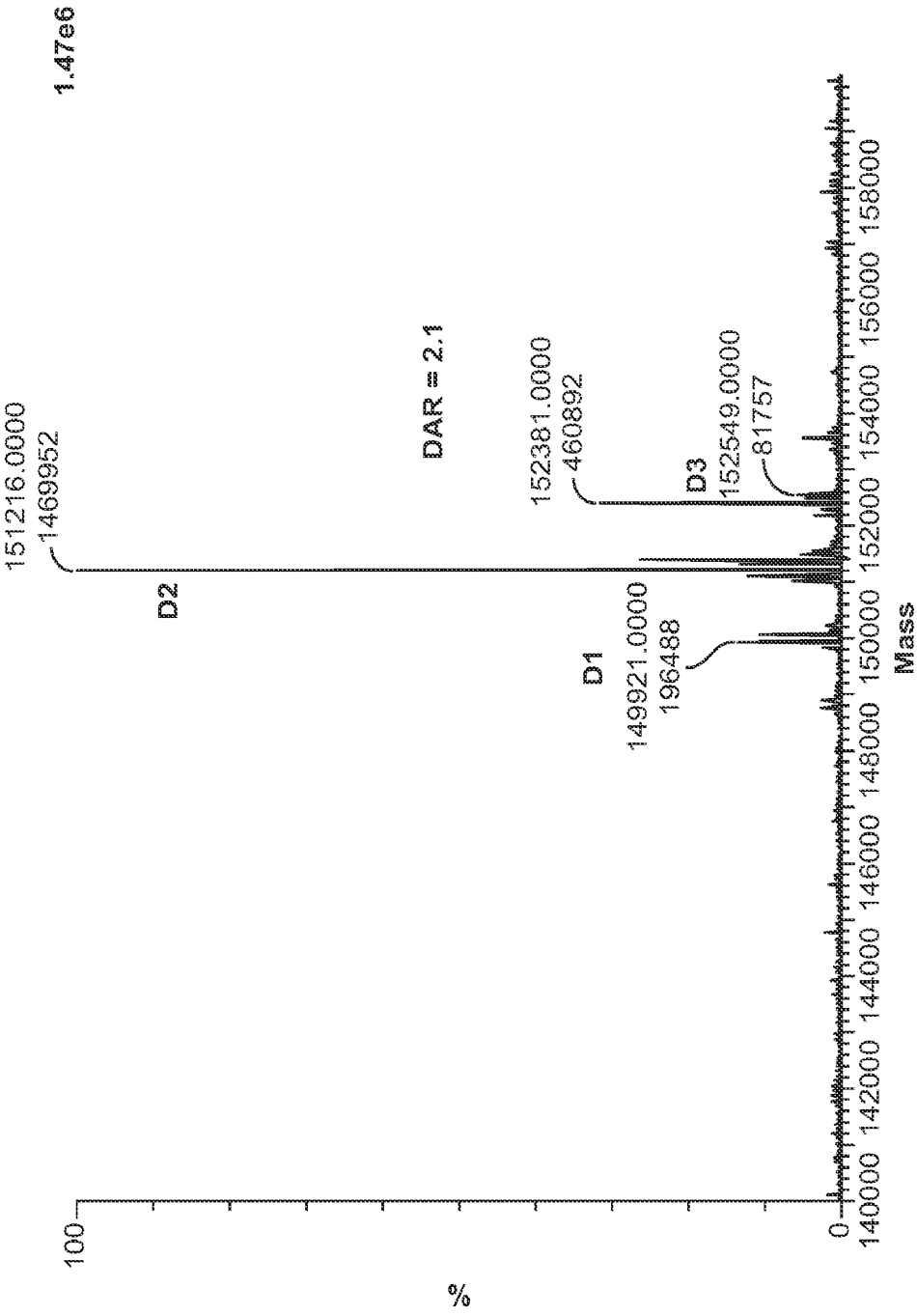


FIG. 2A

SUBSTITUTE SHEET (RULE 26)

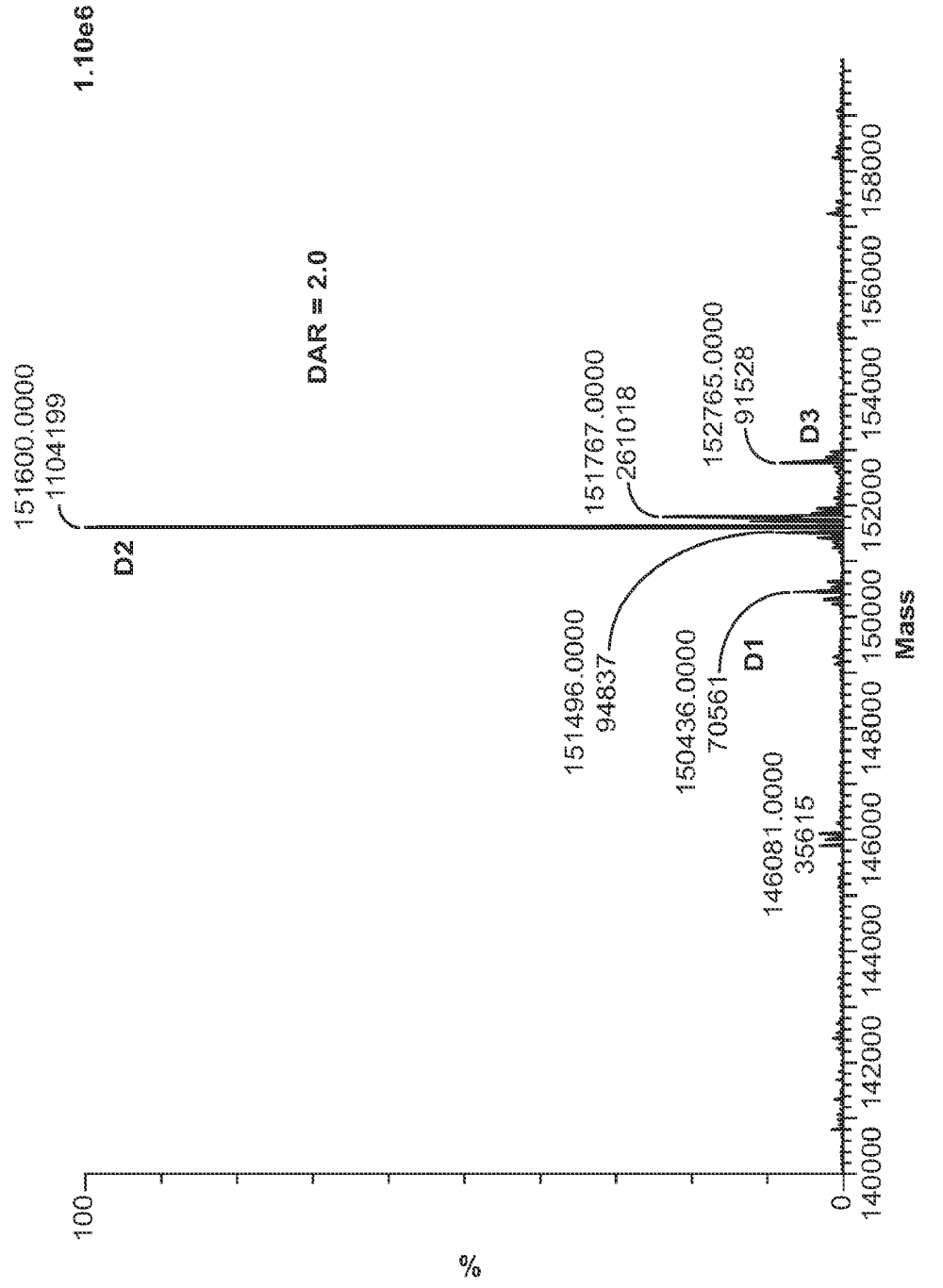


FIG. 2B

SUBSTITUTE SHEET (RULE 26)

Conjugation of LP to Cterm of HC and LC and Nterm of LC retains binding to influenza A/H1N1/PR8 infected cells. Conjugation of LP to Nterm of HC results in loss of binding to influenza A/H1N1/PR8 infected cells

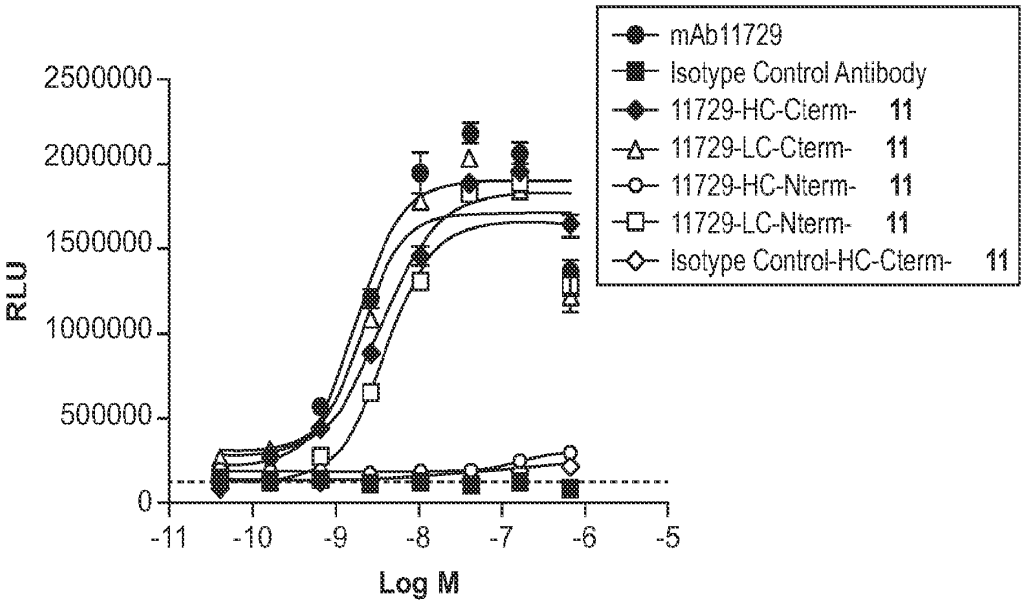


FIG. 3

Conjugation of LP to Cterm of HC and LC and Nterm of LCs enhanced antiviral activity of the ADCs over parental antibody against influenza A/H1/N1/PR8 virus by 3- to 163-fold

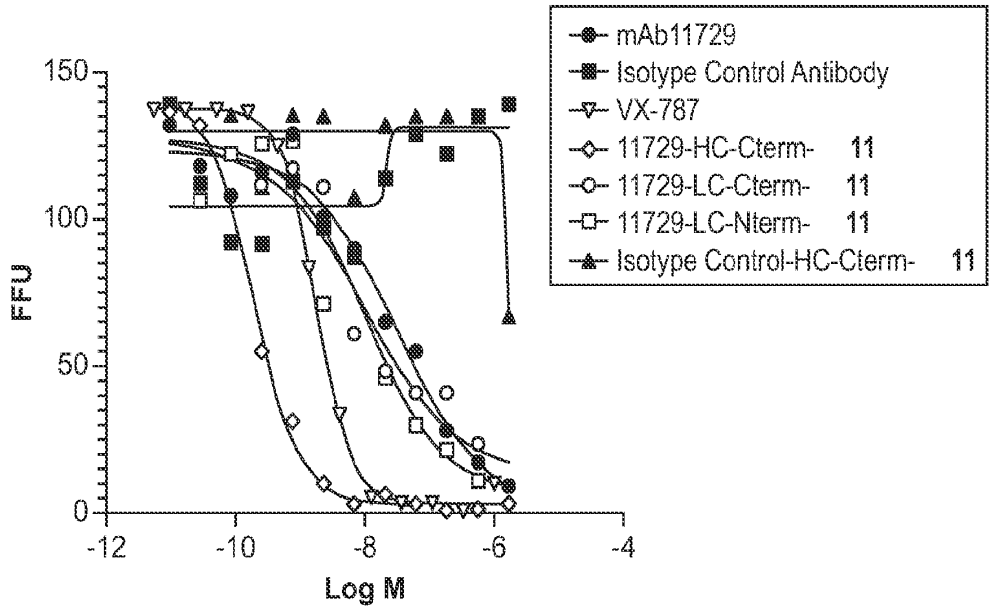


FIG. 4

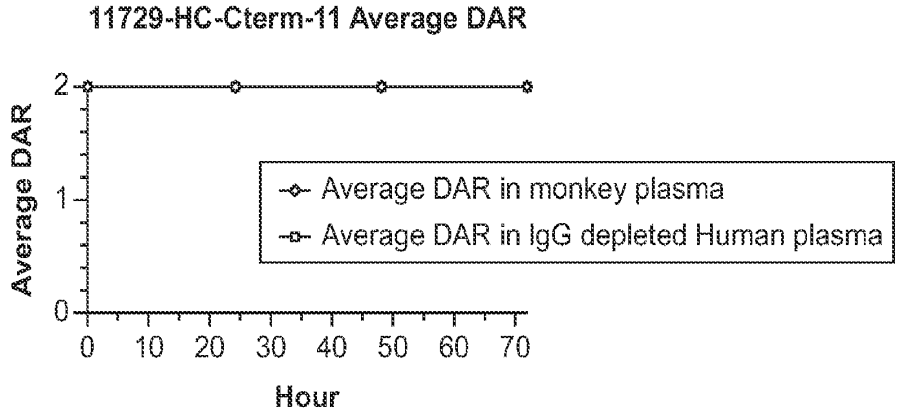

11729-HC-Cterm-11 Average DAR
Average DAR
2
1
0
0 10 20 30 40 50 60 70
Hour
Average DAR in monkey plasma
Average DAR in IgG depleted Human plasma

FIG. 5

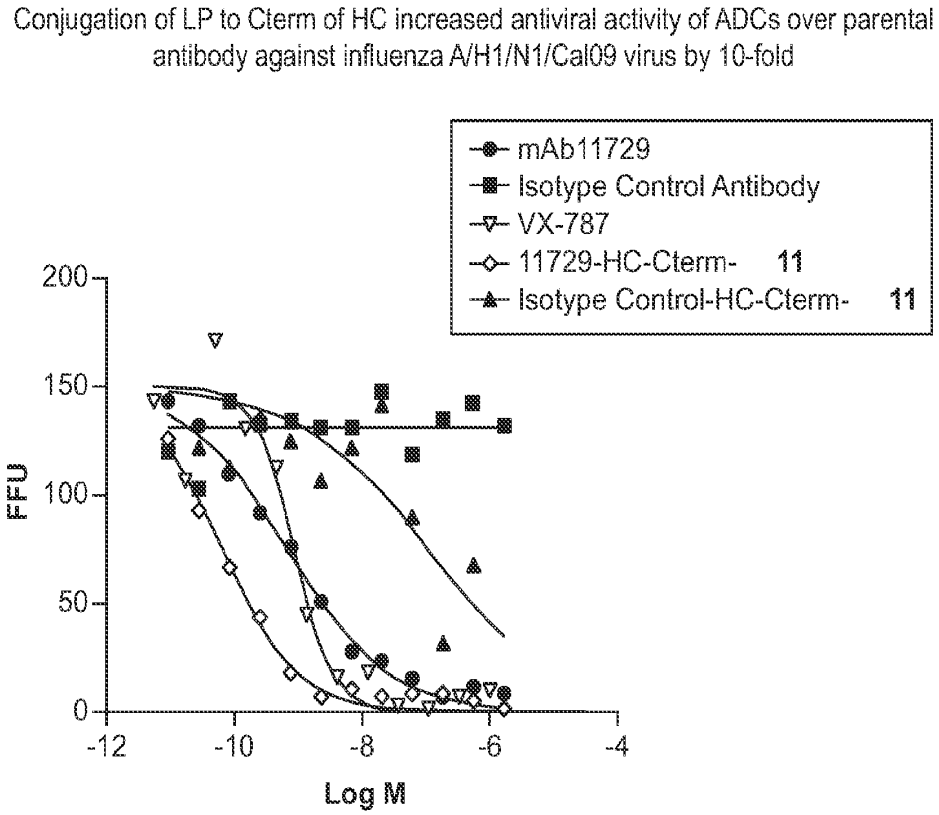

Conjugation of LP to Cterm of HC increased antiviral activity of ADCs over parental antibody against influenza A/H1/N1/Cal09 virus by 10-fold
mAb11729
Isotype Control Antibody
VX-787
11729-HC-Cterm- 11
Isotype Control-HC-Cterm- 11
FFU
200
150
100
50
0
-12 -10 -8 -6 -4
Log M

FIG. 6

Conjugation of LP to Cterm of HC increased antiviral activity of ADCs over parental antibody against influenza A/H1/N1/PR8 virus by 51-fold. Conjugation of LP to Cterm of LC did not increase antiviral activity over parental mAb

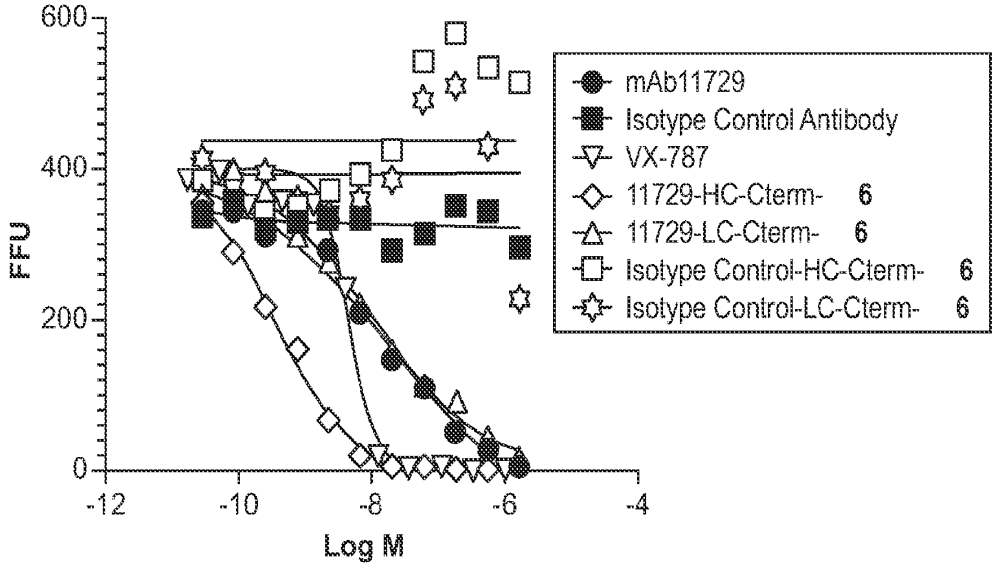


FIG. 7

Conjugation of LPs to Cterm of HC increased antiviral activity of ADCs over parental antibody against influenza A/H1/N1/PR8 virus by 7- and 31-fold. Conjugation of LPs to Cterm of LC did not increase antiviral activity over parental mAb

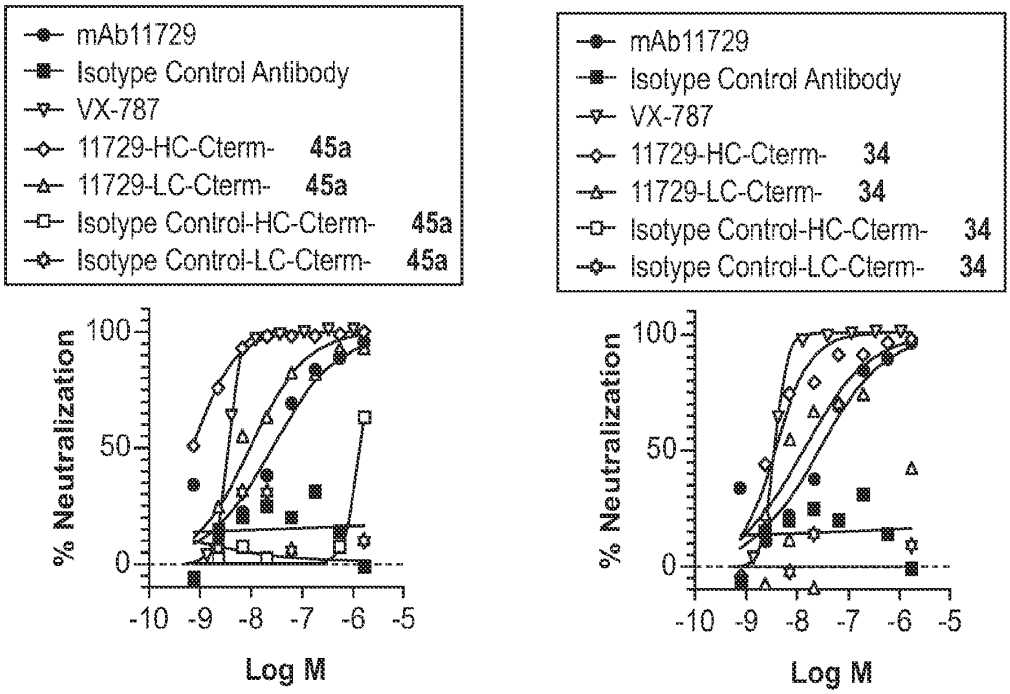


FIG. 8

Conjugation of LPs to Cterm of LC and HC increased antiviral activity of ADCs over parental antibody against influenza A/H3/N2/HK68X31 virus by 3- to 10-fold

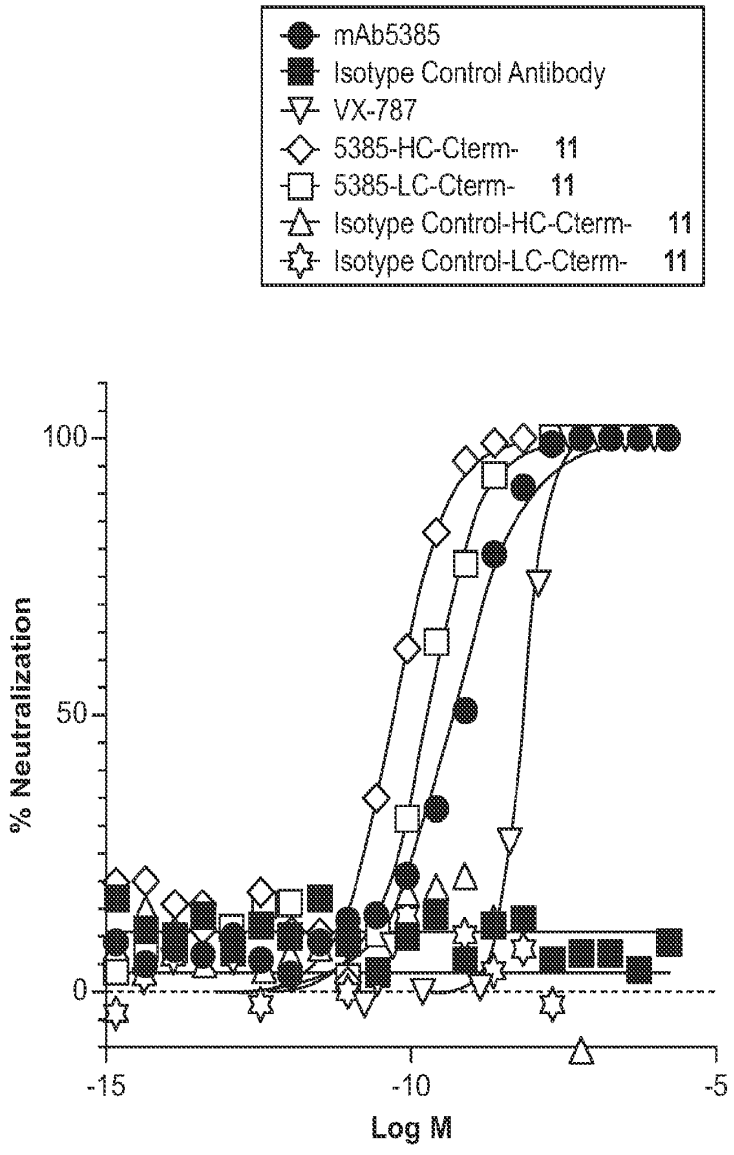


FIG. 9

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Conjugation of LP to Cterm of HC increased antiviral activity of ADCs over parental antibody against influenza A/H1/N1/PR8 virus by 71-fold

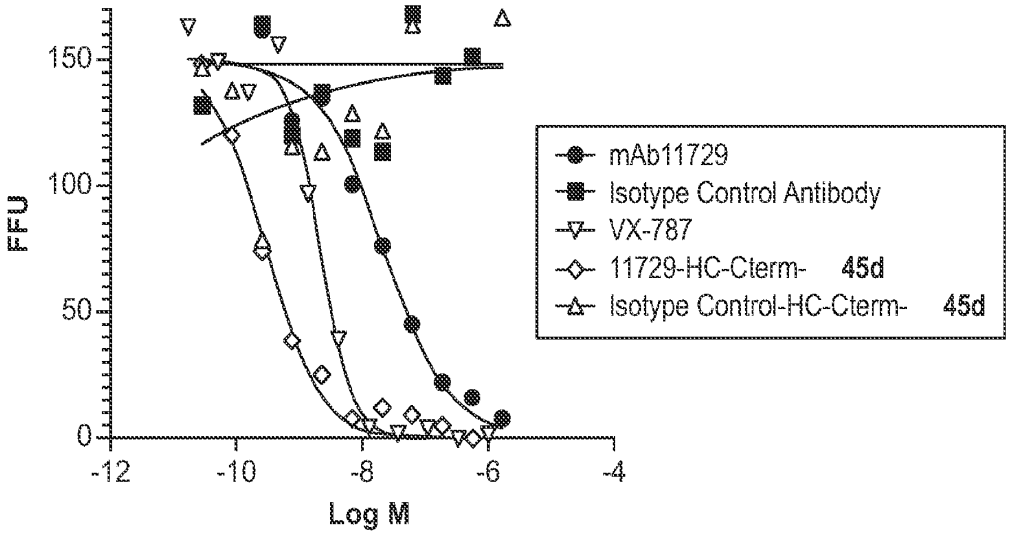


FIG. 10

Conjugation of LP to Cterm of HC retains binding to influenza A/H1N1/PR8 infected cells

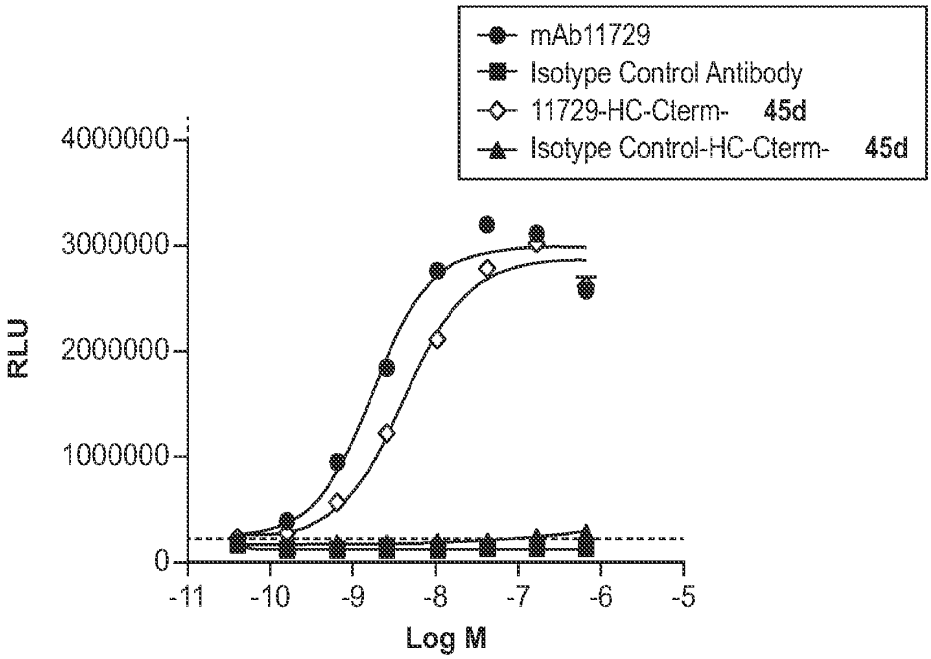


FIG. 11