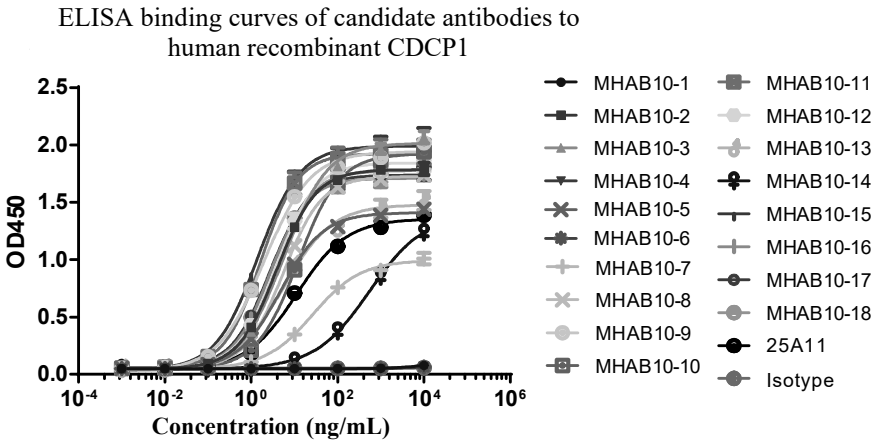

ELISA binding curves of candidate antibodies to human recombinant CDCP1
OD450
Concentration (ng/mL)
MHAB10-1
MHAB10-2
MHAB10-3
MHAB10-4
MHAB10-5
MHAB10-6
MHAB10-7
MHAB10-8
MHAB10-9
MHAB10-10
MHAB10-11
MHAB10-12
MHAB10-13
MHAB10-14
MHAB10-15
MHAB10-16
MHAB10-17
MHAB10-18
25A11
Isotype

Fig. 1

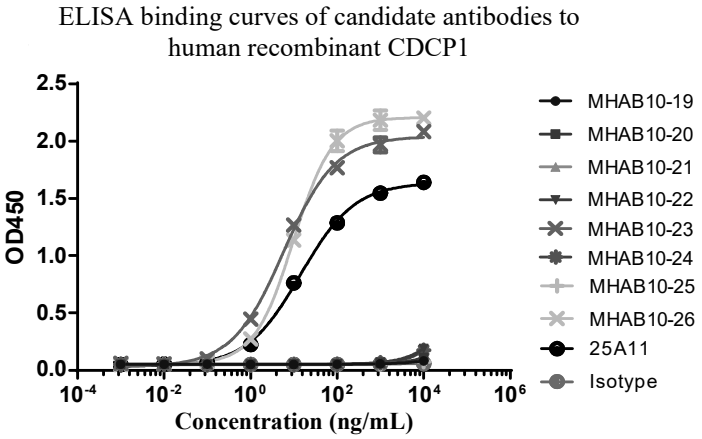

ELISA binding curves of candidate antibodies to human recombinant CDCP1
OD450
Concentration (ng/mL)
MHAB10-19
MHAB10-20
MHAB10-21
MHAB10-22
MHAB10-23
MHAB10-24
MHAB10-25
MHAB10-26
25A11
Isotype

Fig. 2

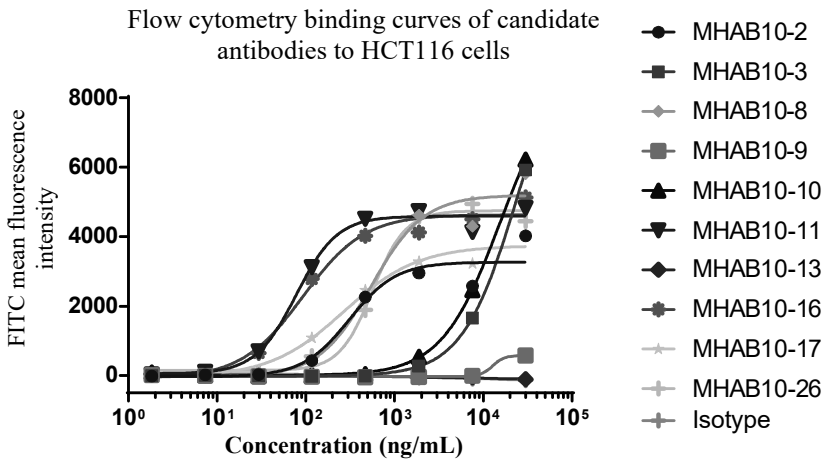


Fig. 3A

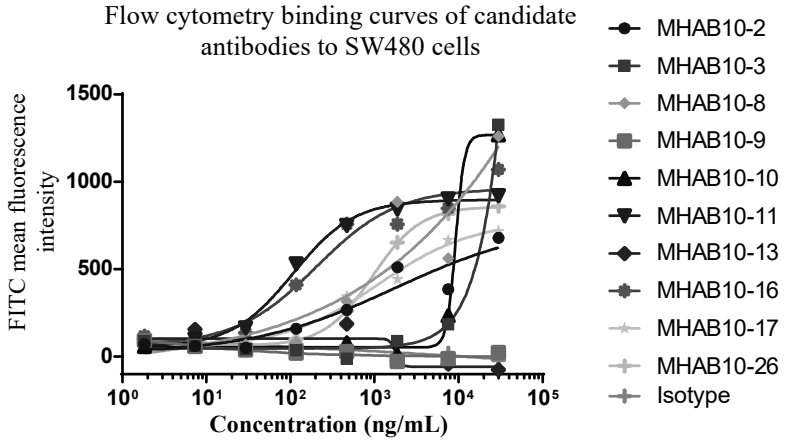


Fig. 3B

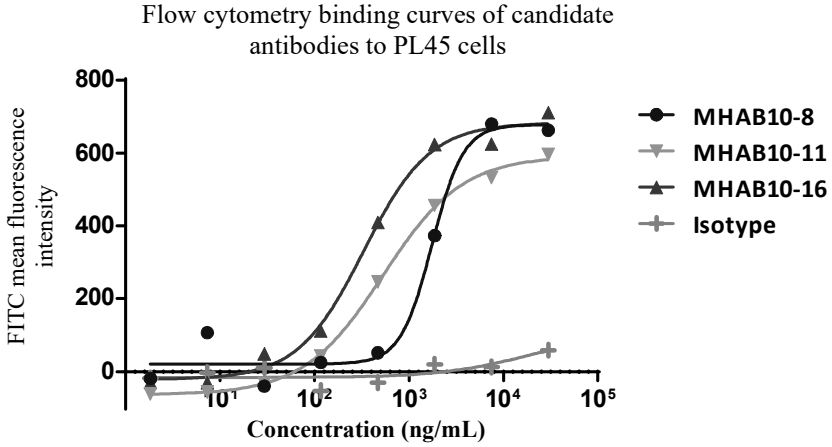


Fig. 4

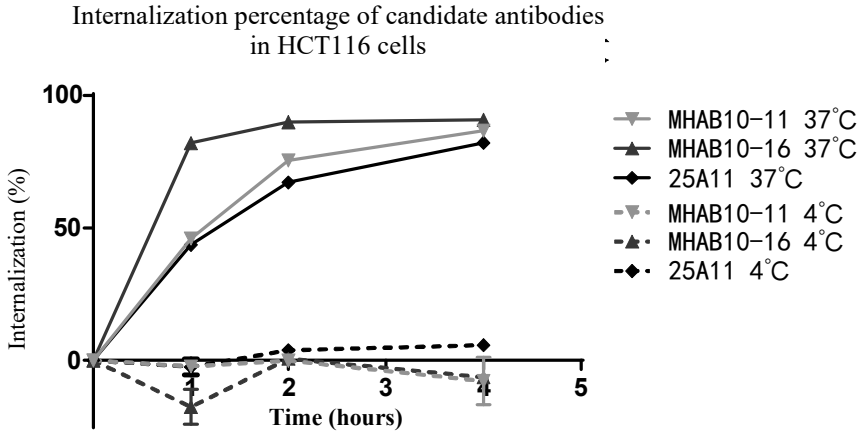

Internalization percentage of candidate antibodies in HCT116 cells
Internalization (%)
100
50
0
1
2
3
4
5
Time (hours)
MHAB10-11 37°C
MHAB10-16 37°C
25A11 37°C
MHAB10-11 4°C
MHAB10-16 4°C
25A11 4°C

Fig. 5A

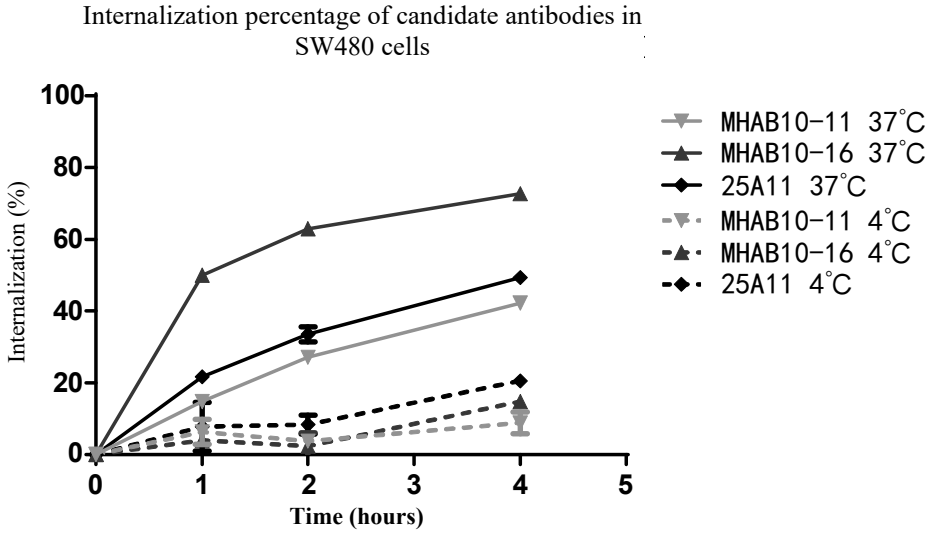

Internalization percentage of candidate antibodies in SW480 cells
Internalization (%)
100
80
60
40
20
0
0
1
2
3
4
5
Time (hours)
MHAB10-11 37°C
MHAB10-16 37°C
25A11 37°C
MHAB10-11 4°C
MHAB10-16 4°C
25A11 4°C

Fig. 5B

Killing curves of candidate antibody-Fab-ZAP in HCT116 cells

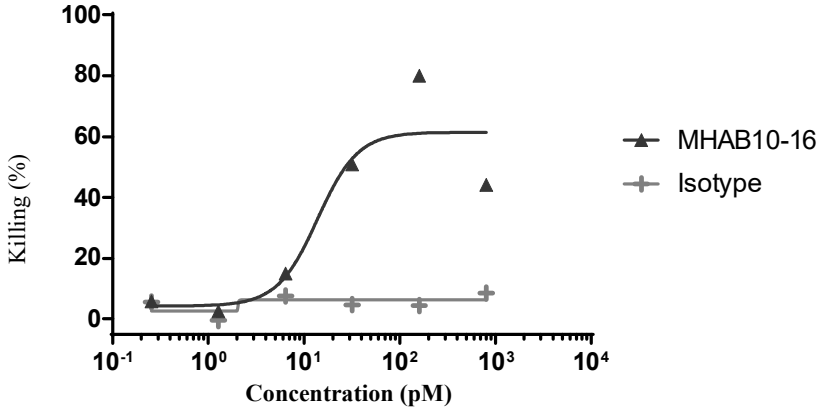


Fig. 6

ELISA binding curves of MHAB10-16 humanized antibodies to human recombinant CDCP1

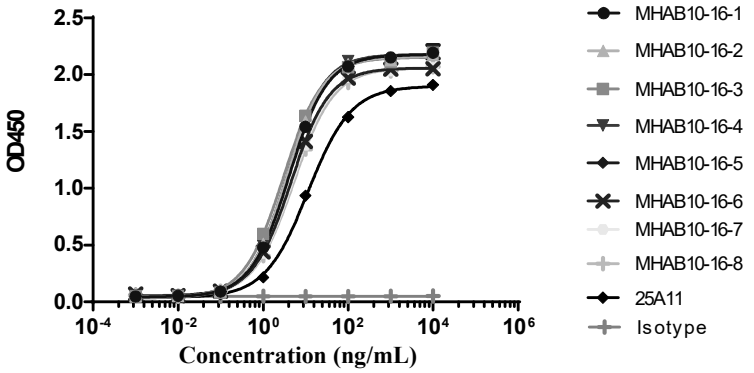


Fig. 7A

ELISA binding curves of MHAB10-16 humanized antibodies to human recombinant CDCP1

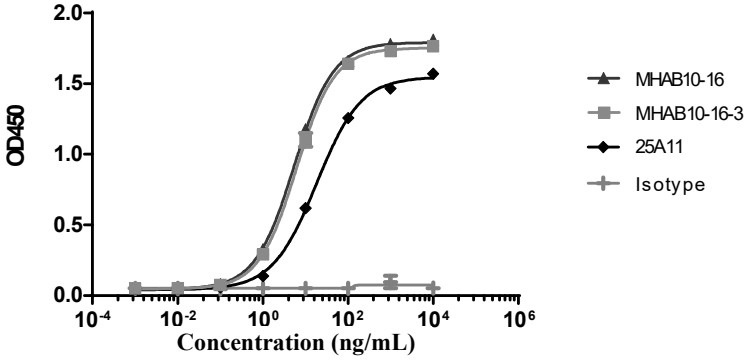


Fig. 7B

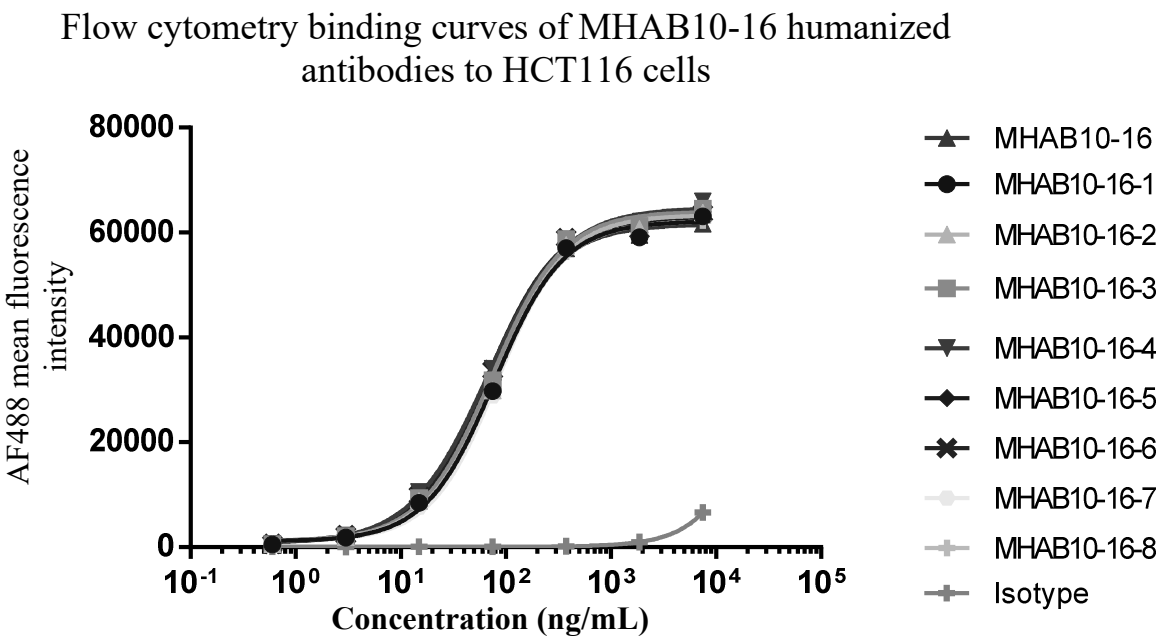

Flow cytometry binding curves of MHAB10-16 humanized antibodies to HCT116 cells
AF488 mean fluorescence intensity
80000
60000
40000
20000
0
10-1
100
101
102
103
104
105
Concentration (ng/mL)
MHAB10-16
MHAB10-16-1
MHAB10-16-2
MHAB10-16-3
MHAB10-16-4
MHAB10-16-5
MHAB10-16-6
MHAB10-16-7
MHAB10-16-8
Isotype

Fig. 8

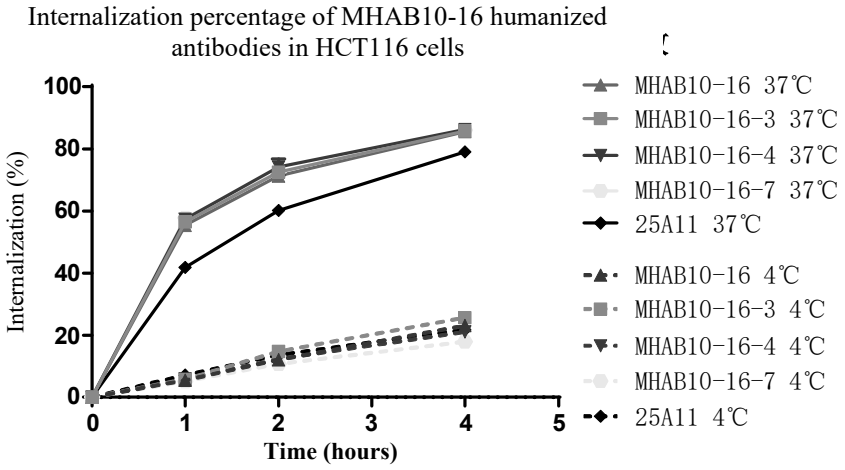

Internalization percentage of MHAB10-16 humanized antibodies in HCT116 cells
Internalization (%)
100
80
60
40
20
0
0
1
2
3
4
5
Time (hours)
MHAB10-16 37℃
MHAB10-16-3 37℃
MHAB10-16-4 37℃
MHAB10-16-7 37℃
25A11 37℃
MHAB10-16 4℃
MHAB10-16-3 4℃
MHAB10-16-4 4℃
MHAB10-16-7 4℃
25A11 4℃

Fig. 9

Killing curves of MHAB10-16 humanized antibody-Fab-ZAP in HCT116 cells

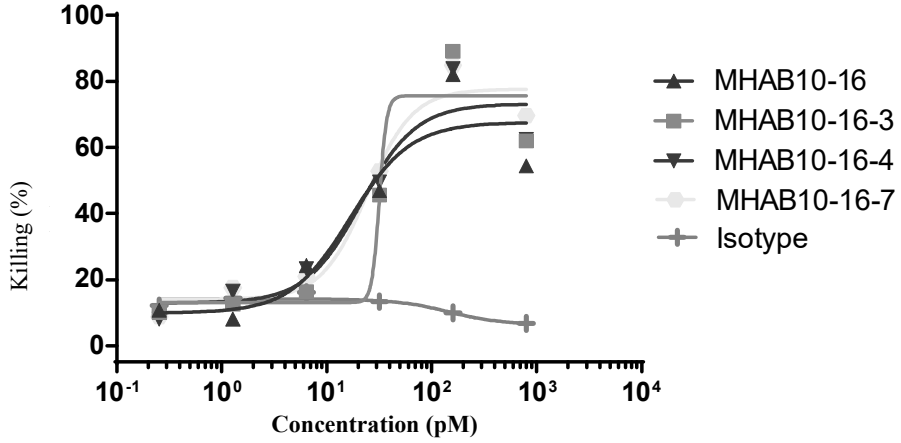


Fig. 10

ELISA binding curves of MHAB10-16 humanized antibodies to human recombinant CDCP1

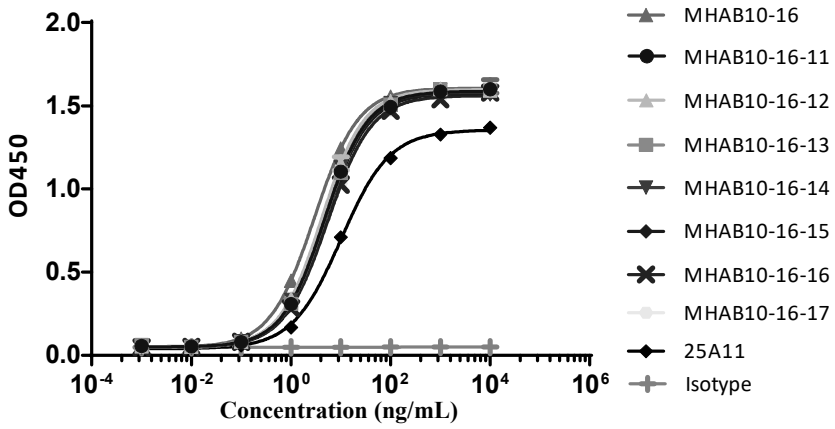


Fig. 11

Flow cytometry binding curves of MHAB10-16 humanized antibodies to HCT116 cells

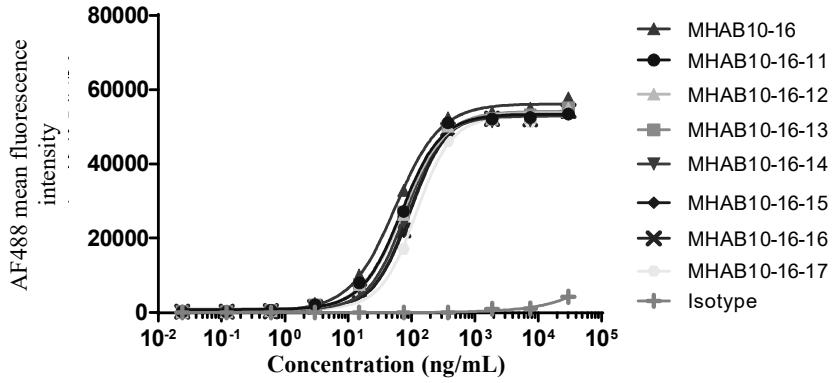


Fig. 12

Internalization percentage of MHAB10-16 humanized antibodies in HCT116 cells

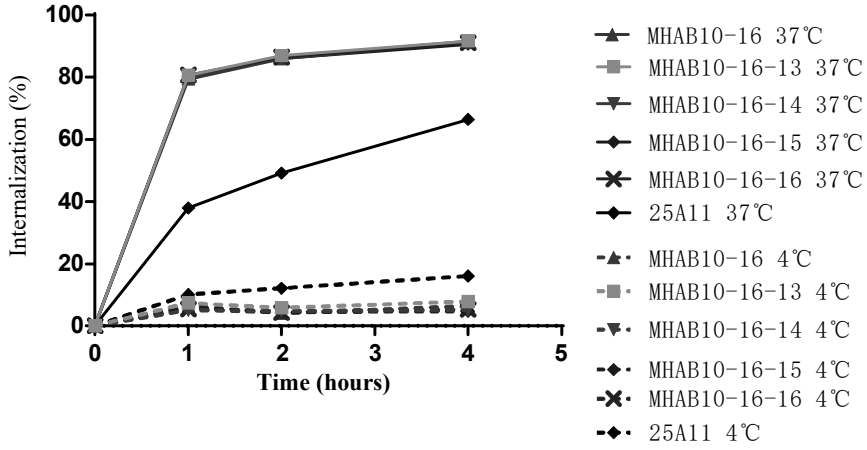


Fig. 13

Killing curves of MHAB10-16 humanized antibody-Fab-ZAP in HCT116 cells

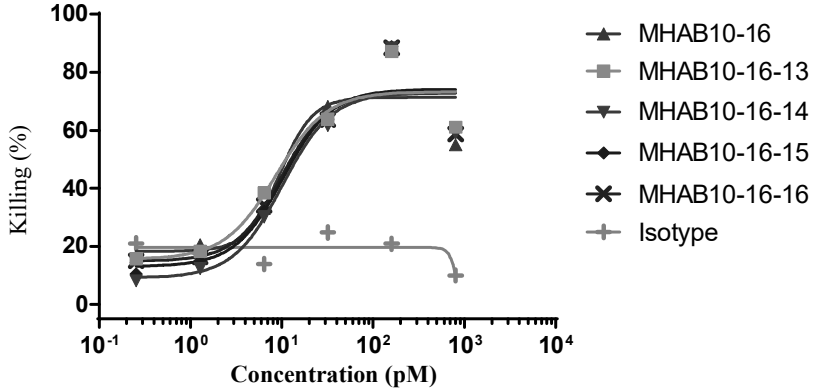


Fig. 14

ELISA binding curves of MHAB10-16-14 to CDCP1 antigens of different species

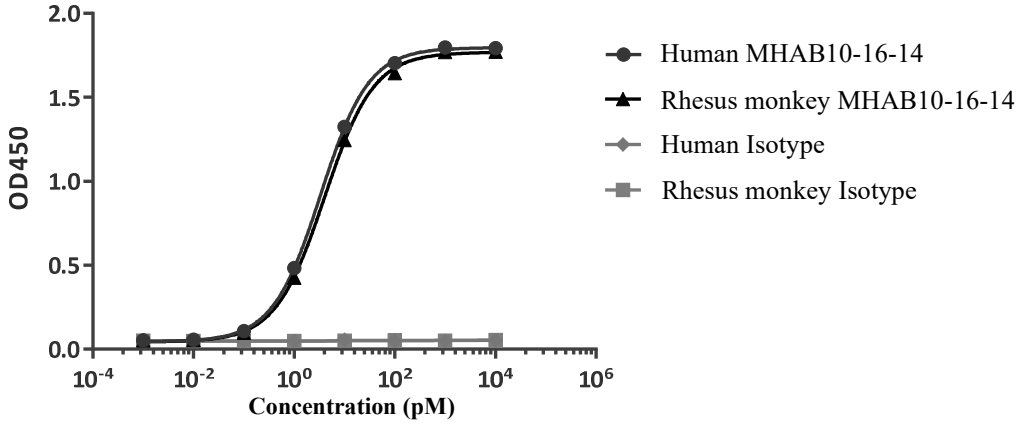


Fig. 15

Flow cytometry binding curve of MHAB10-16-14 to HCT116 cells

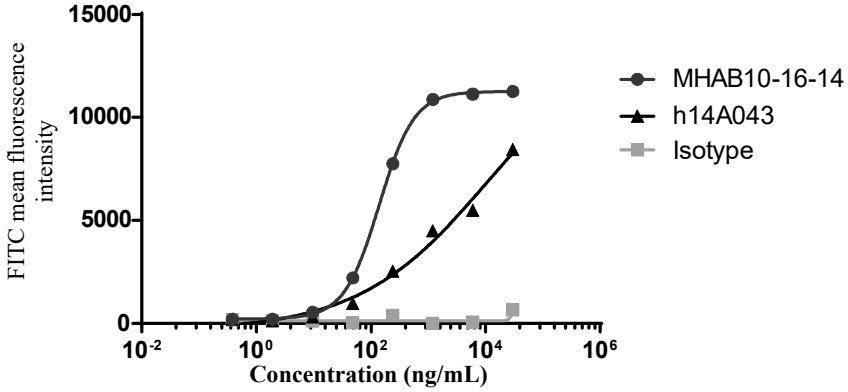


Fig. 16

Flow cytometry binding curve of MHAB10-16-14 to SW480 cells

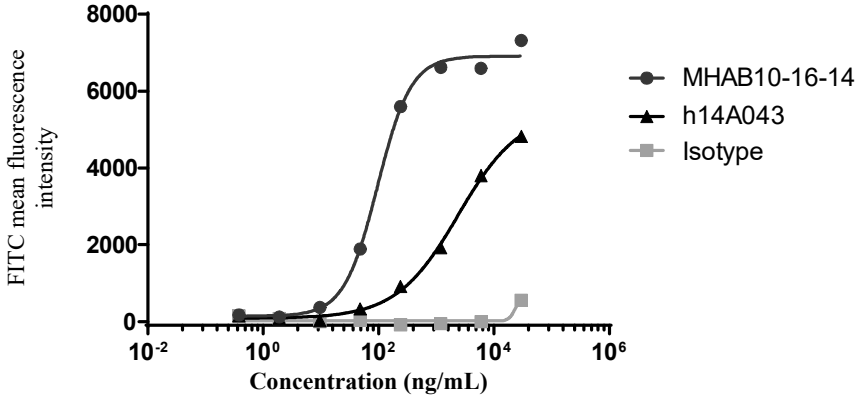


Fig. 17

Flow cytometry binding curve of MHAB10-16-14 to PL45 cells

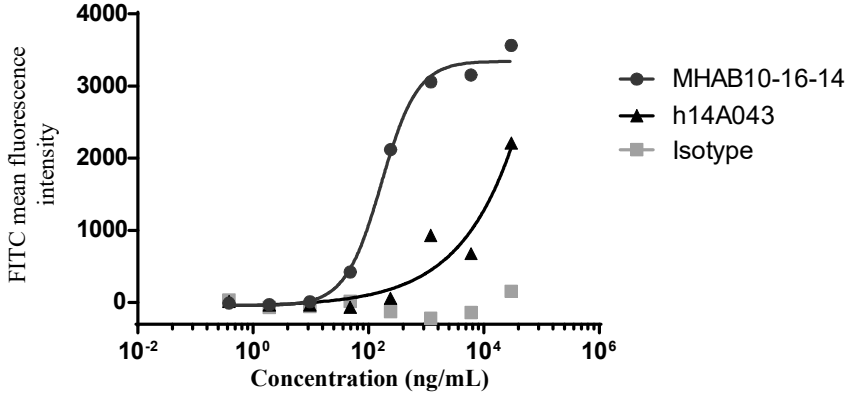


Fig. 18

Flow cytometry binding curve of MHAB10-16-14 to HT-29 cells

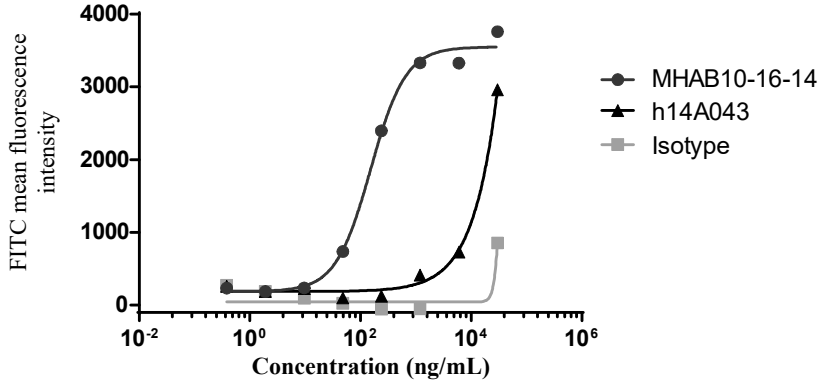


Fig. 19

Flow cytometry binding curve of MHAB10-16-14 to LNCaP cells

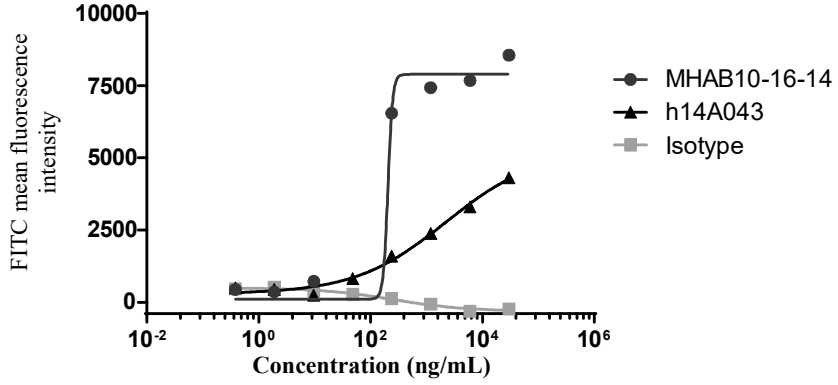


Fig. 20

Killing curve of MHAB10-16-14-Fab-ZAP in HCT116 cells

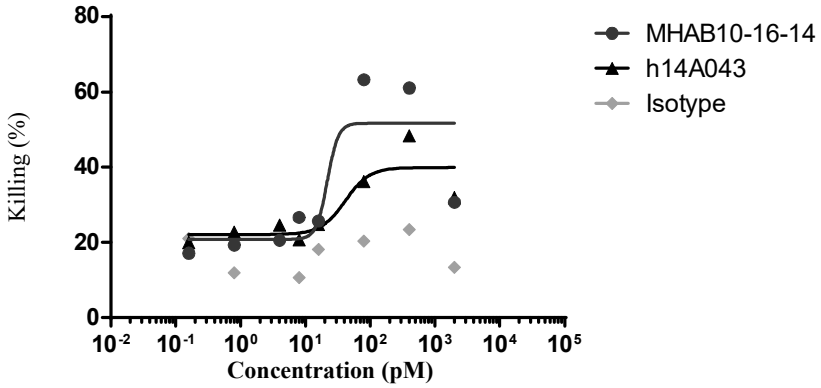


Fig. 21