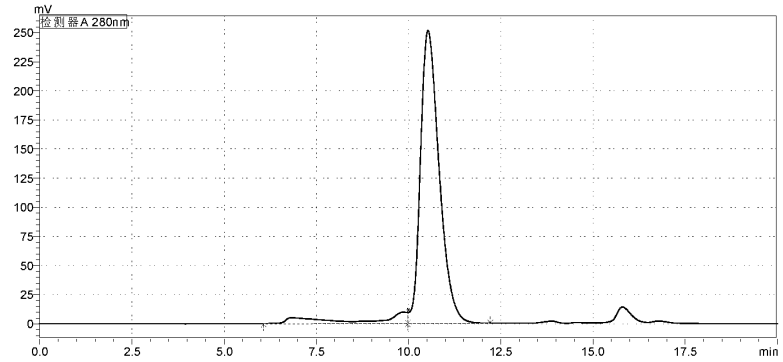
mV
检测器A 280nm
250
225
200
175
150
125
100
75
50
25
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
min

图 1A

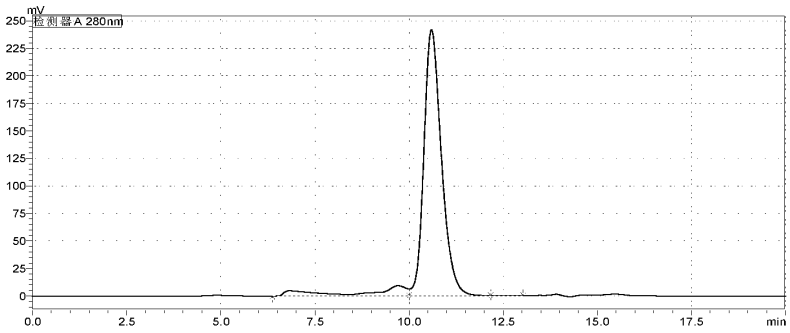
mV
检测器A 280nm
250
225
200
175
150
125
100
75
50
25
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
min

图 1B

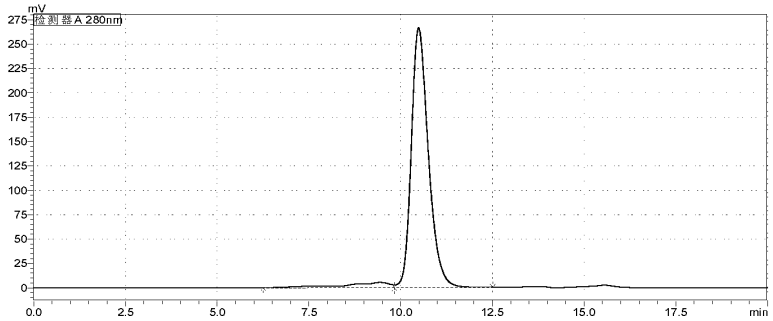
mV
检测器A 280nm
275
250
225
200
175
150
125
100
75
50
25
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
min

图 1C

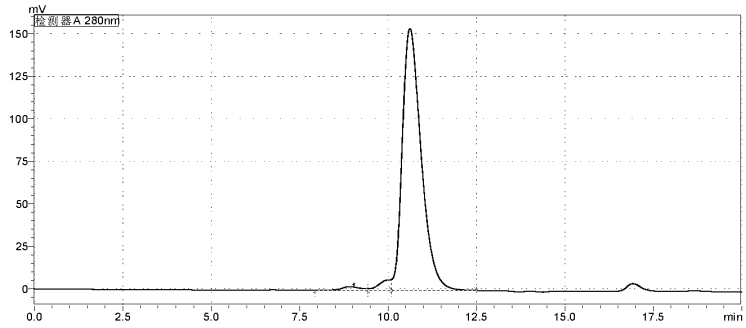
mV
检测器A 280nm
150
125
100
75
50
25
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
min

图 1D

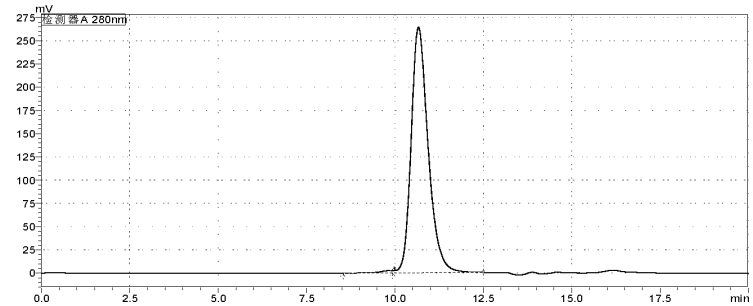
mV
检测器A 280nm
275
250
225
200
175
150
125
100
75
50
25
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
min

图 1E

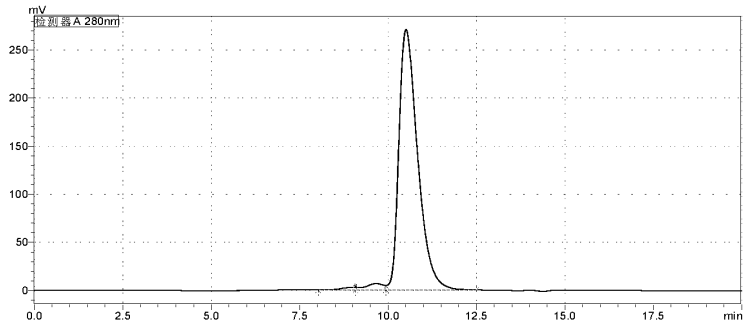
mV
检测器A 280nm
250
200
150
100
50
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
min

图 1F

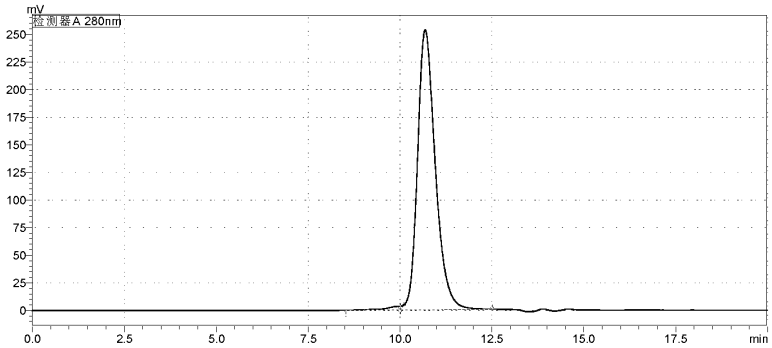
mV
检测器A 280nm
250
225
200
175
150
125
100
75
50
25
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
min

图 1G

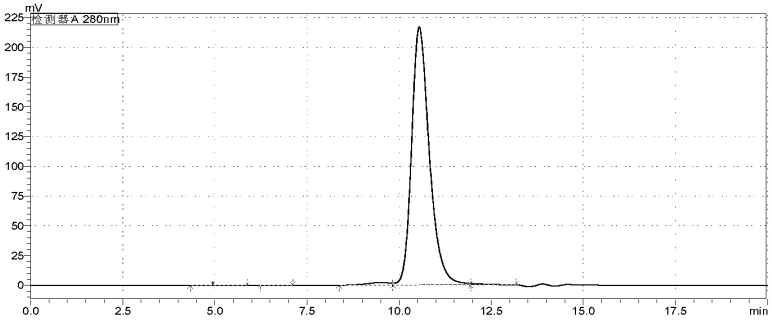
mV
检测器A 280nm
225
200
175
150
125
100
75
50
25
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
min

图 1H

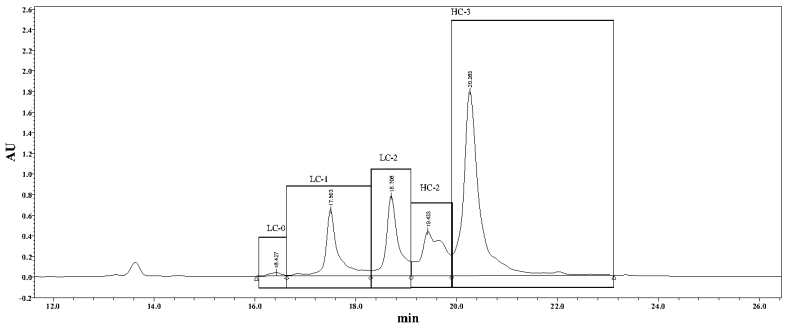
HC-3
LC-2
LC-1
HC-2
LC-0
AU
min

图 2A

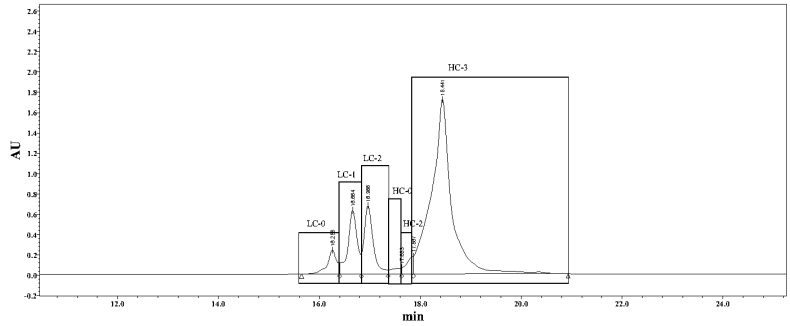
AU
min
LC-0
LC-1
LC-2
HC-4
HC-2
HC-3

图 2B

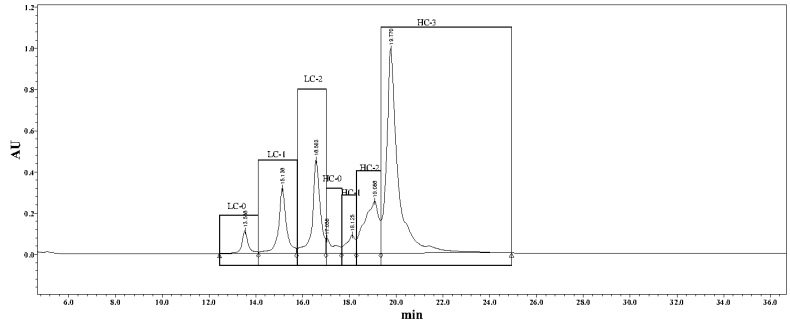
AU
min
LC-0
LC-1
LC-2
HC-4
HC-1
HC-2
HC-3

图 2C

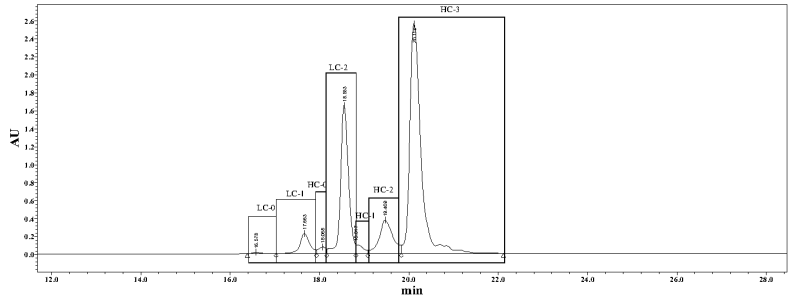
AU
min
LC-0
LC-1
HC-4
LC-2
HC-1
HC-2
HC-3

图 2D

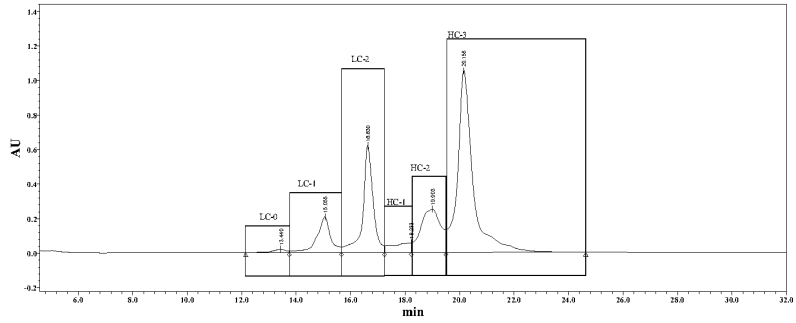
AU
min
LC-0
LC-1
LC-2
HC-1
HC-2
HC-3

图 2E

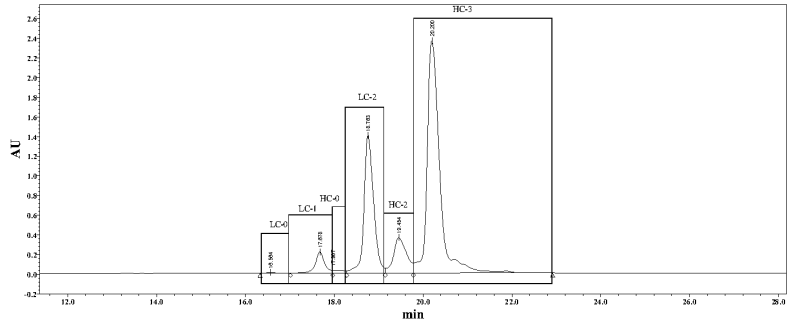
AU
min
LC-0
LC-1
HC-0
LC-2
HC-2
HC-3

图 2F

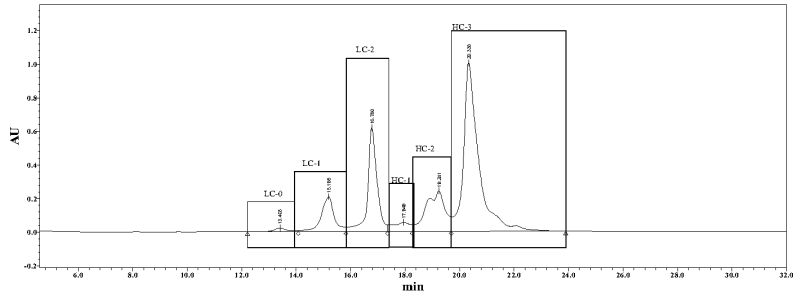
AU
min
LC-0
LC-1
LC-2
HC-1
HC-2
HC-3

图 2G

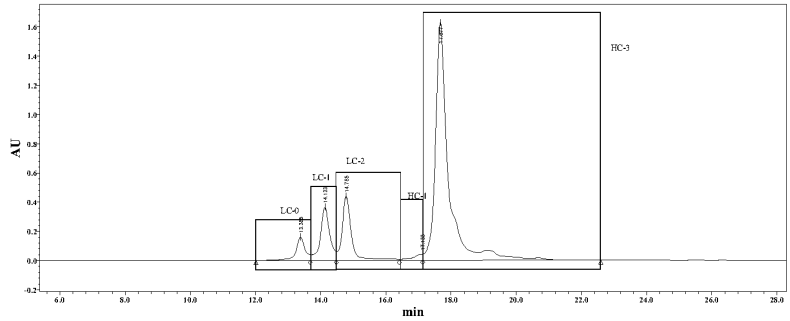
AU
min
LC-0
LC-1
LC-2
HC-3
HC-4

图 2H

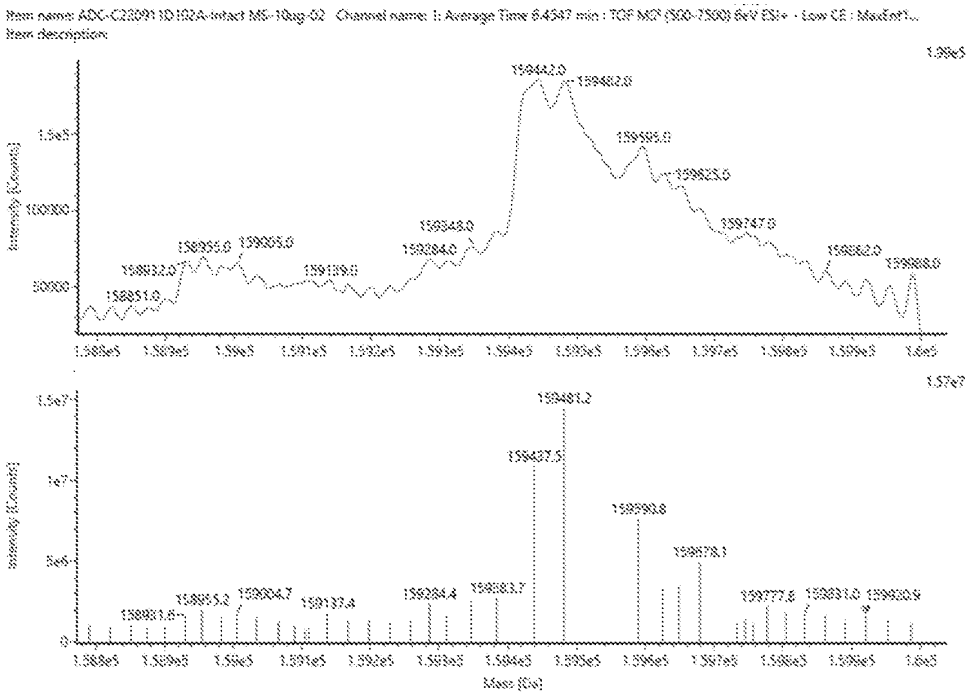
Item name: ADC-C23091 ID 102A-intact MS-10ug-02 Channel name: 1: Average Time 6.4347 min : TOF MS (500-7500) 6eV ESI+ - Low CE : MaxEnt1...
Item description:
Intensity [Counts]
Mass [Da]

图 3

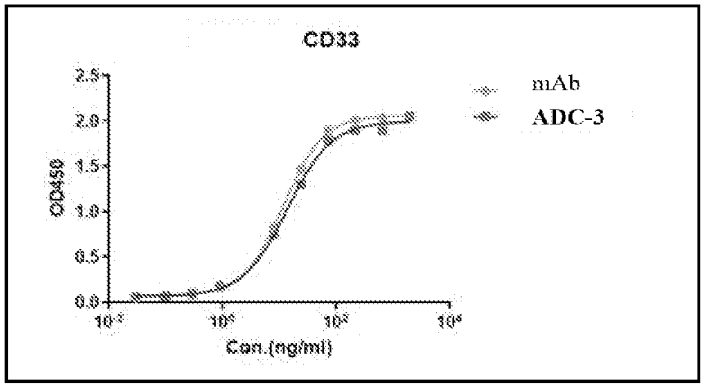
CD33
mAb
ADC-3
OD450
Con.(ng/ml)

图 4A

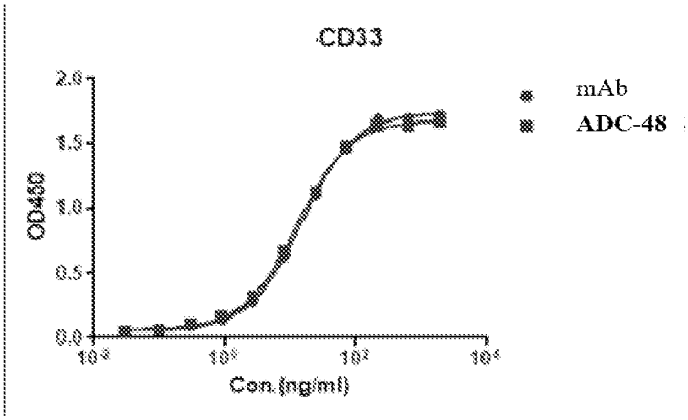
CD33
mAb
ADC-48
OD450
Con.(ng/ml)

图 4B

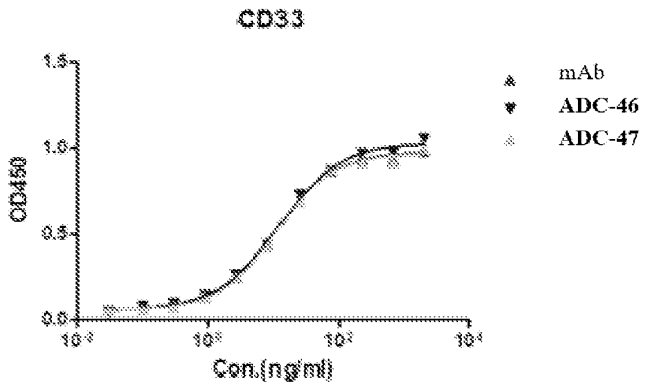
CD33
mAb
ADC-46
ADC-47
OD450
Con.(ng/ml)

图 4C

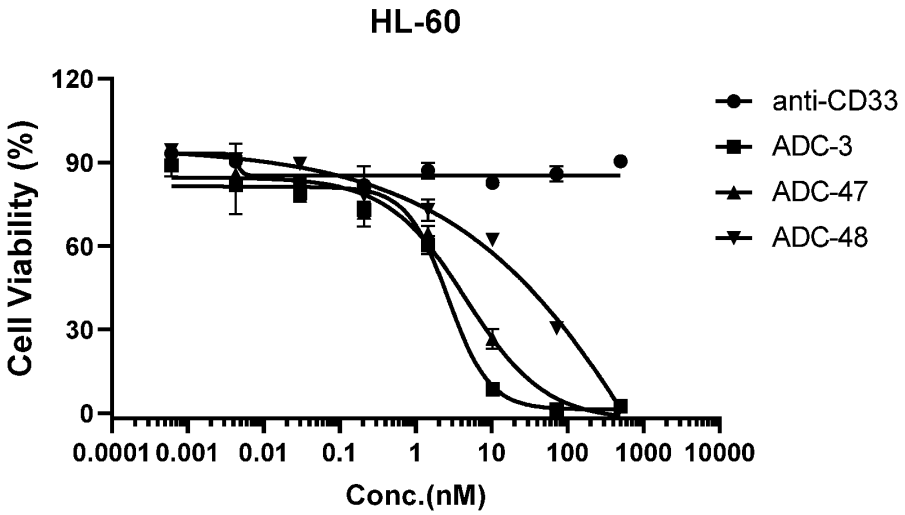
HL-60
Cell Viability (%)
120
90
60
30
0
0.0001 0.001 0.01 0.1 1 10 100 1000 10000
Conc.(nM)
anti-CD33
ADC-3
ADC-47
ADC-48

图 5A

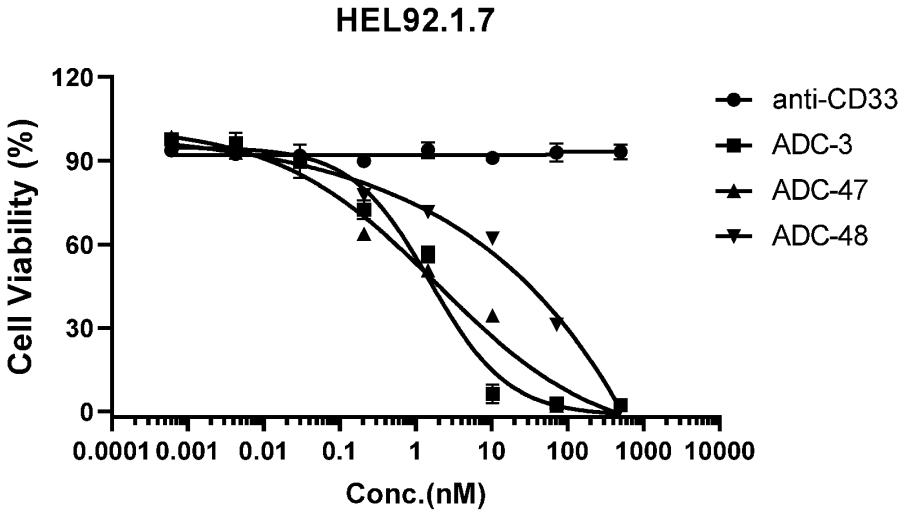
HEL92.1.7
Cell Viability (%)
120
90
60
30
0
0.0001 0.001 0.01 0.1 1 10 100 1000 10000
Conc.(nM)
anti-CD33
ADC-3
ADC-47
ADC-48

图 5B

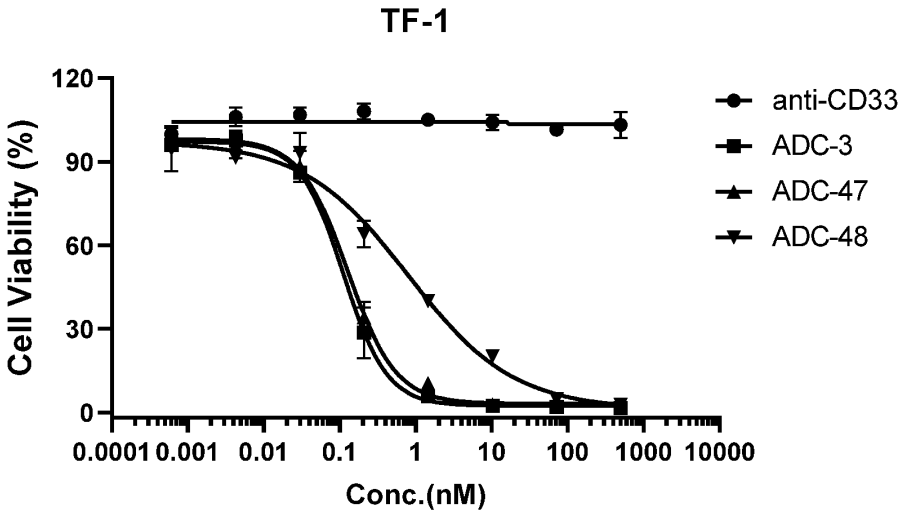
TF-1
Cell Viability (%)
120
90
60
30
0
0.0001 0.001 0.01 0.1 1 10 100 1000 10000
Conc.(nM)
anti-CD33
ADC-3
ADC-47
ADC-48

图 5C

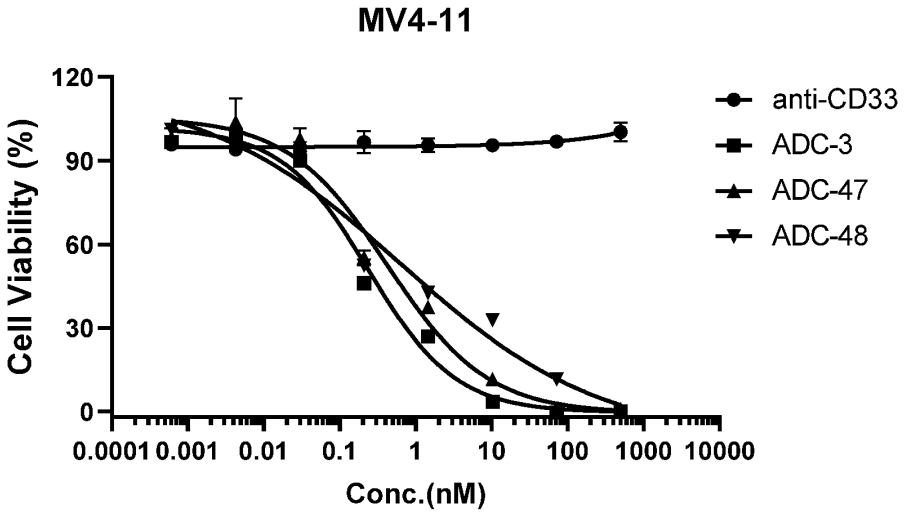
MV4-11
Cell Viability (%)
120
90
60
30
0
0.0001 0.001 0.01 0.1 1 10 100 1000 10000
Conc.(nM)
anti-CD33
ADC-3
ADC-47
ADC-48

图 5D

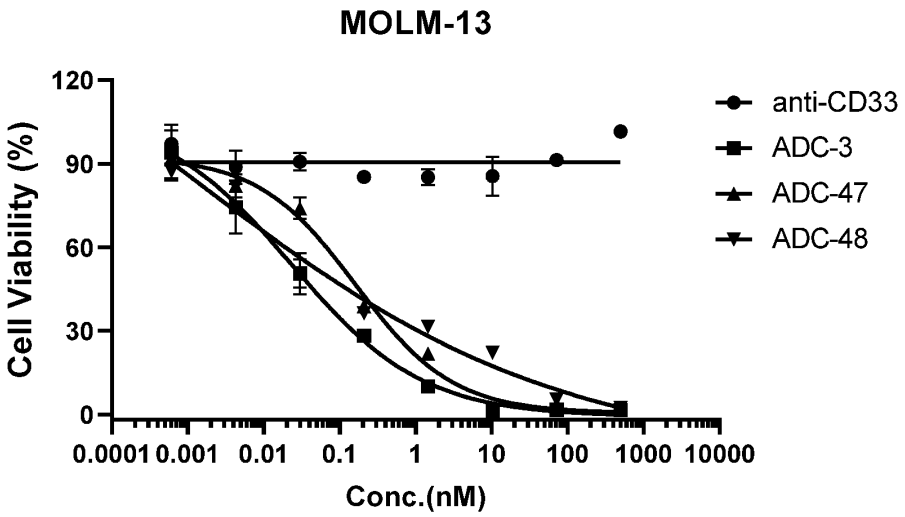
MOLM-13
Cell Viability (%)
120
90
60
30
0
0.0001 0.001 0.01 0.1 1 10 100 1000 10000
Conc.(nM)
anti-CD33
ADC-3
ADC-47
ADC-48

图 5E

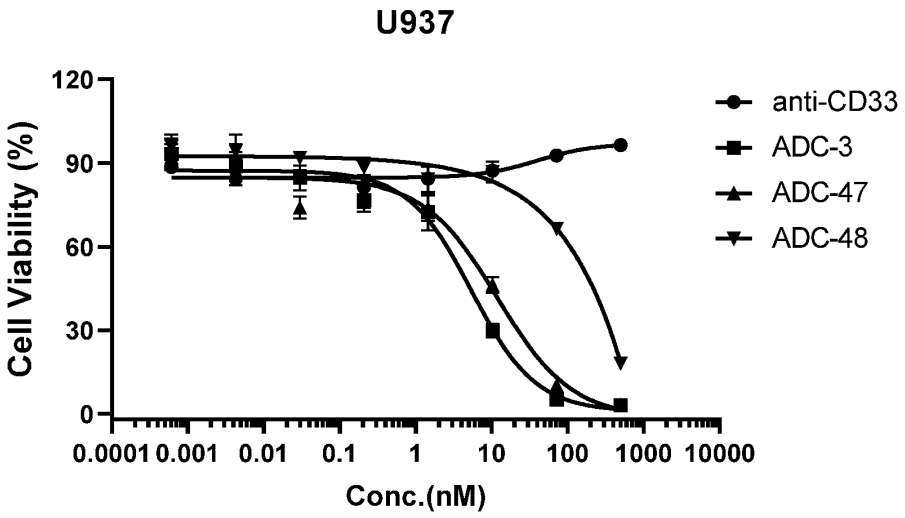
U937
Cell Viability (%)
120
90
60
30
0
0.0001 0.001 0.01 0.1 1 10 100 1000 10000
Conc.(nM)
anti-CD33
ADC-3
ADC-47
ADC-48

图 5F

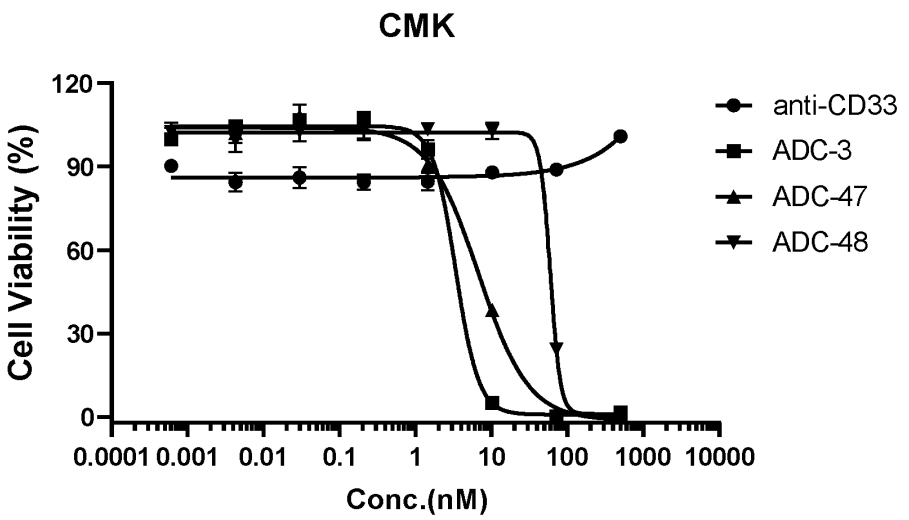
CMK
Cell Viability (%)
120
90
60
30
0
0.0001 0.001 0.01 0.1 1 10 100 1000 10000
Conc.(nM)
anti-CD33
ADC-3
ADC-47
ADC-48

图 5G

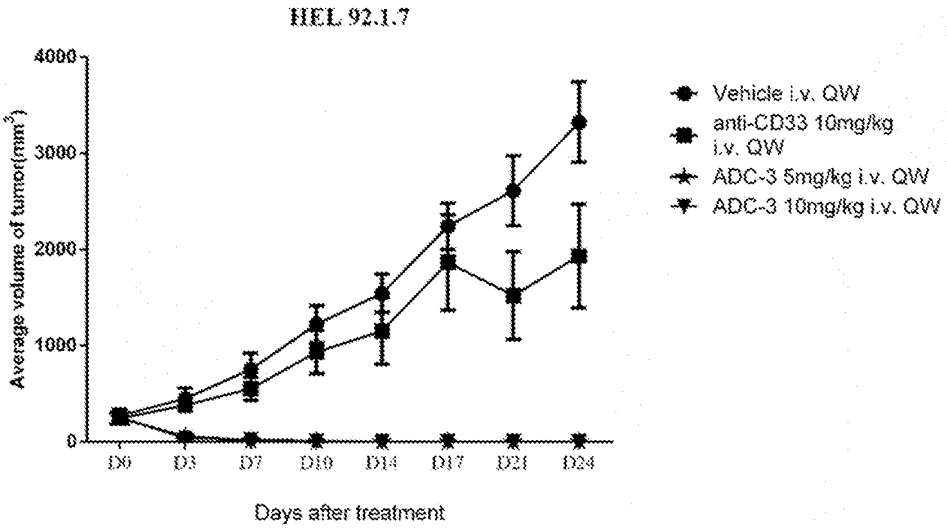
HEL 92.1.7
Average volume of tumor(mm3)
4000
3000
2000
1000
0
D0 D3 D7 D10 D14 D17 D21 D24
Days after treatment
Vehicle i.v. QW
anti-CD33 10mg/kg i.v. QW
ADC-3 5mg/kg i.v. QW
ADC-3 10mg/kg i.v. QW

图 6A

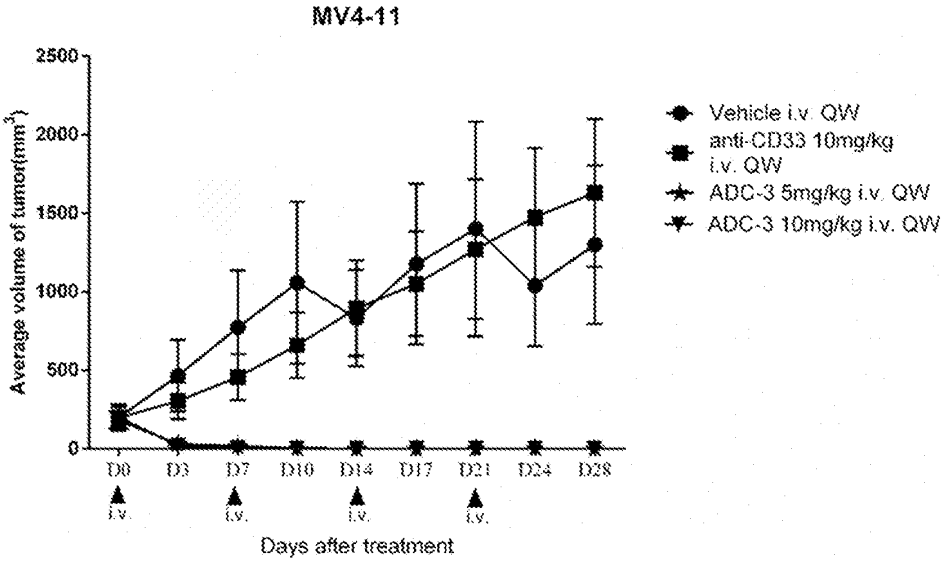
MV4-11
Average volume of tumor(mm3)
2500
2000
1500
1000
500
0
D0
D3
D7
D10
D14
D17
D21
D24
D28
i.v.
i.v.
i.v.
i.v.
Days after treatment
Vehicle i.v. QW
anti-CD33 10mg/kg i.v. QW
ADC-3 5mg/kg i.v. QW
ADC-3 10mg/kg i.v. QW

图 6B

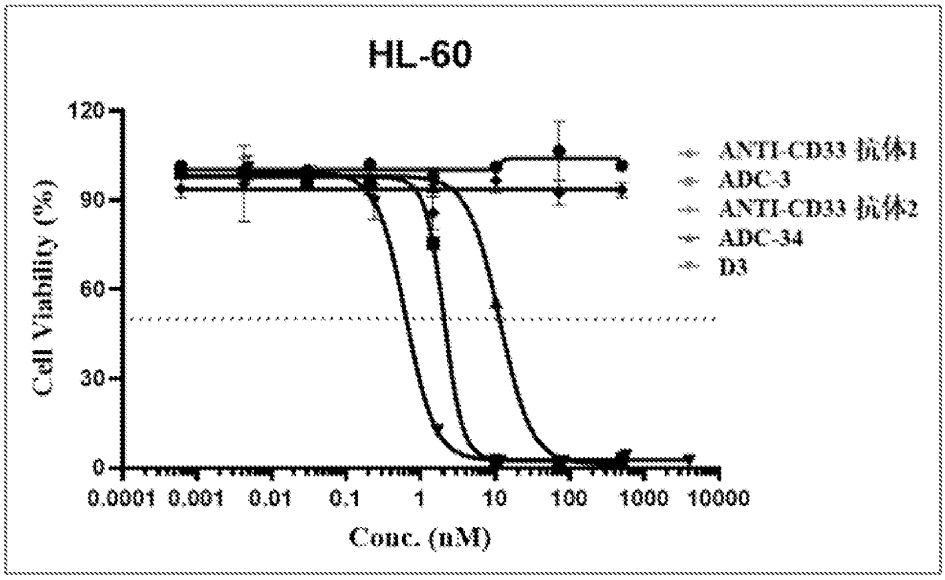
HL-60
Cell Viability (%)
120
90
60
30
0
0.0001
0.001
0.01
0.1
1
10
100
1000
10000
Conc. (nM)
ANTI-CD33 抗体1
ADC-3
ANTI-CD33 抗体2
ADC-34
D3

图 7A

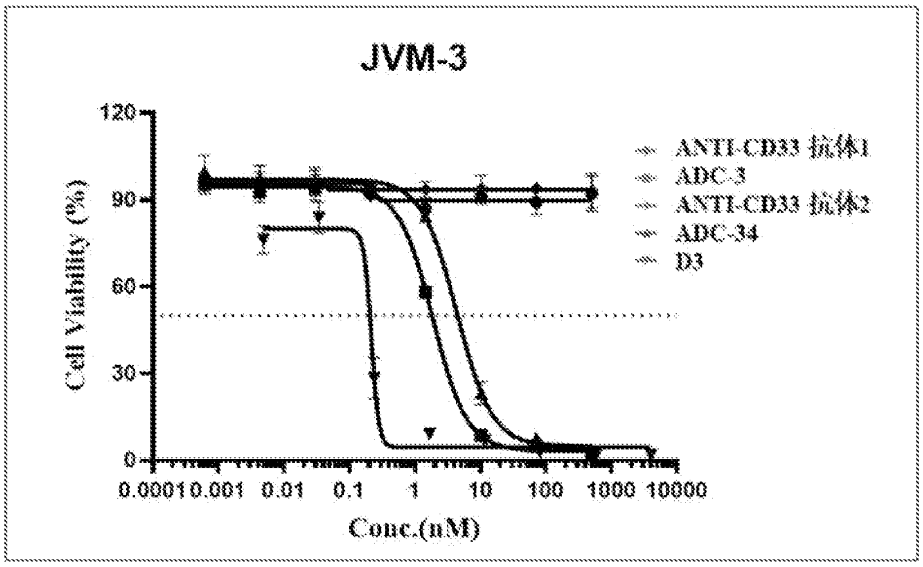
JVM-3
Cell Viability (%)
120
90
60
30
0
0.0001 0.001 0.01 0.1 1 10 100 1000 10000
Conc.(nM)
ANTI-CD33 抗体1
ADC-3
ANTI-CD33 抗体2
ADC-34
D3

图 7B

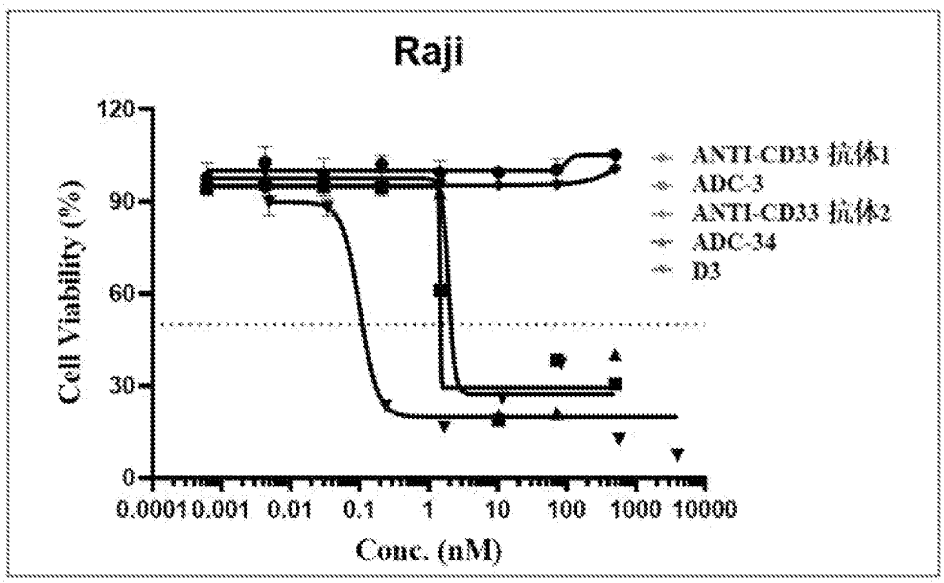
Raji
Cell Viability (%)
120
90
60
30
0
0.0001 0.001 0.01 0.1 1 10 100 1000 10000
Conc. (nM)
ANTI-CD33 抗体1
ADC-3
ANTI-CD33 抗体2
ADC-34
D3

图 7C