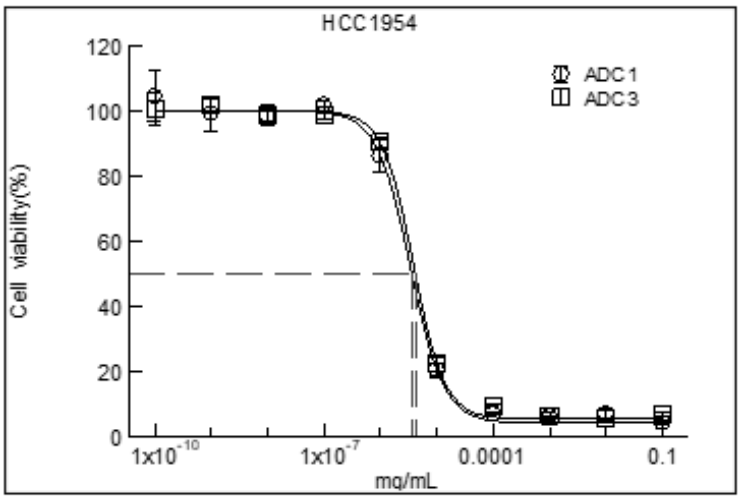
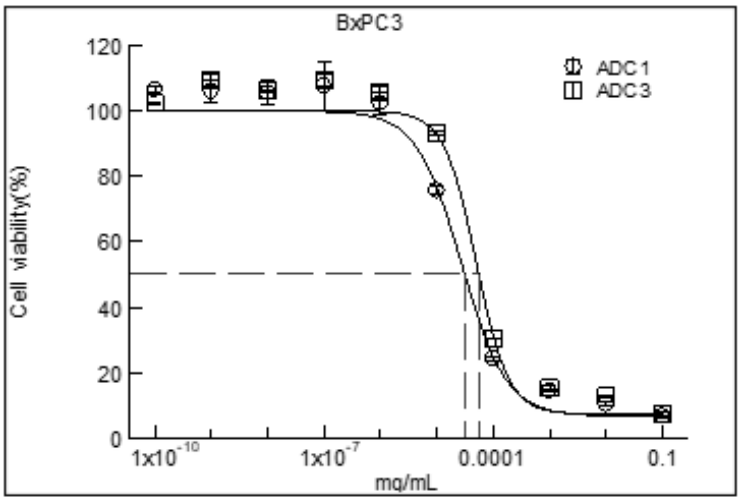
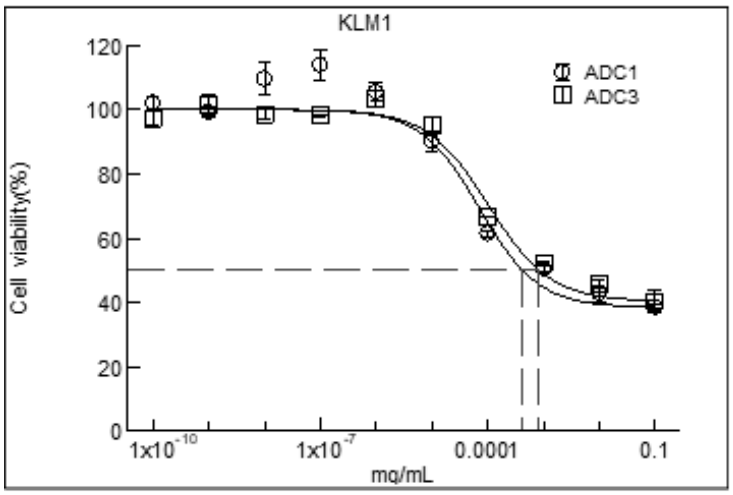
[Figures]

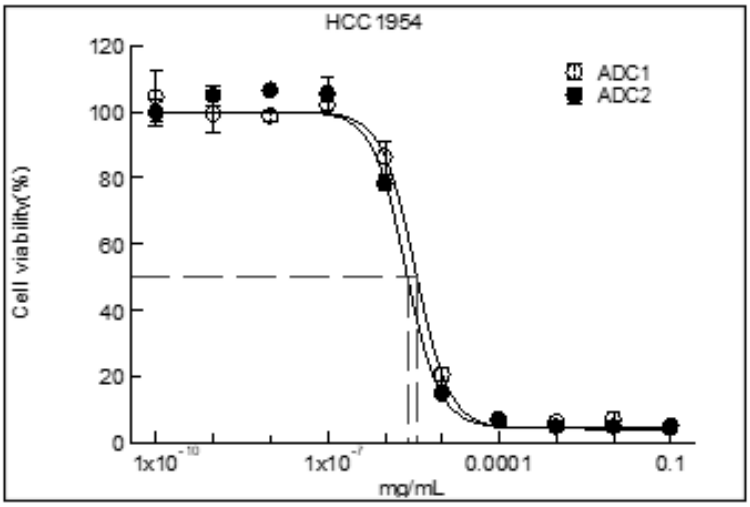
[Figure 1]

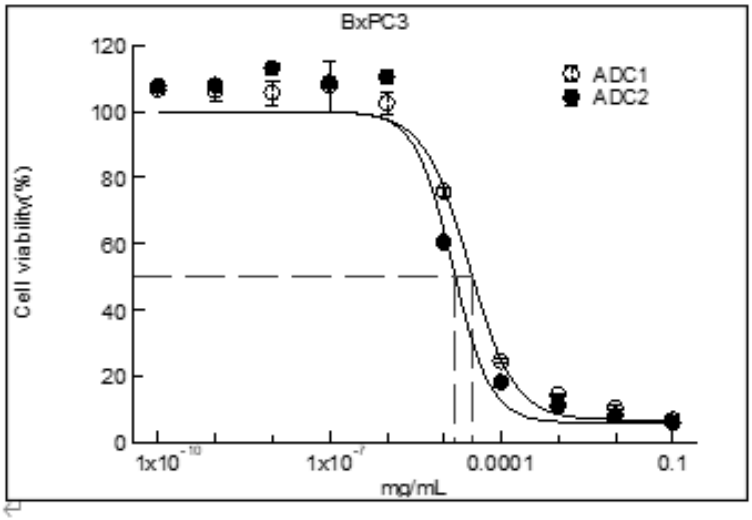


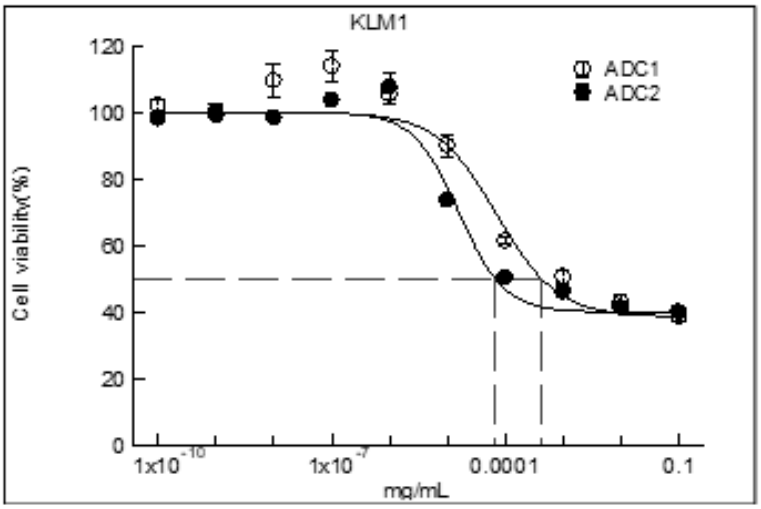




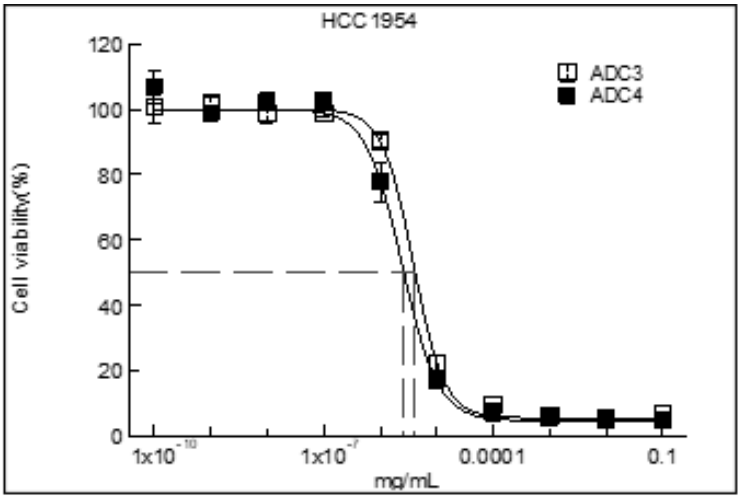
[Figure 2]

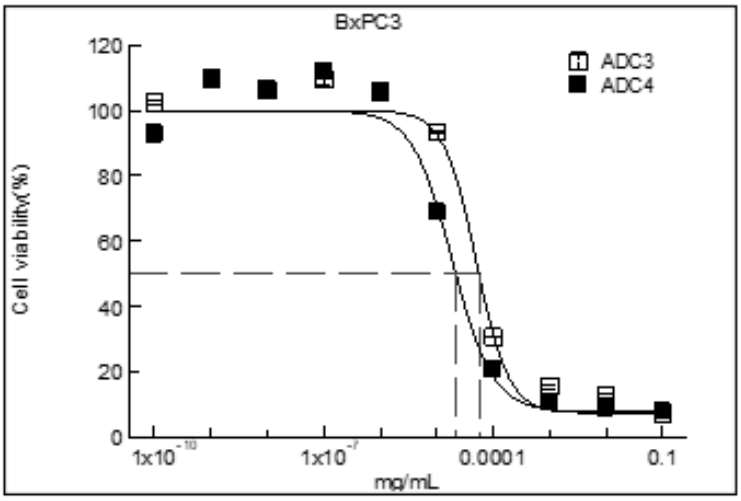

HCC1954
ADC1
ADC2
Cell viability(%)
120
100
80
60
40
20
0
1x10-10
1x10-7
0.0001
0.1
mg/mL

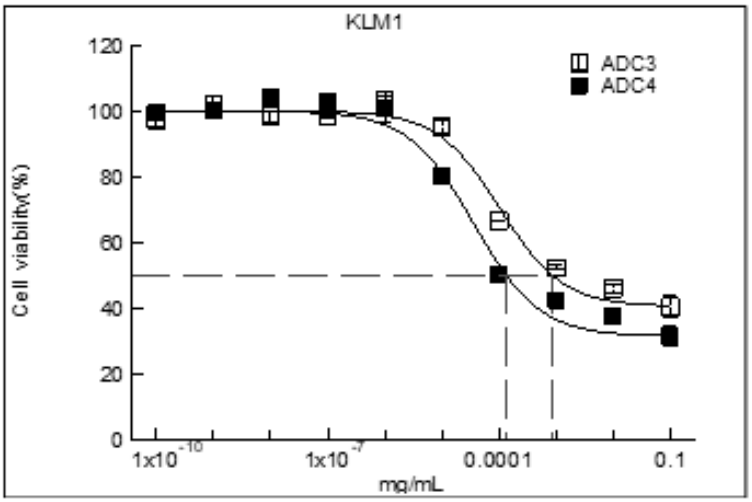

BxPC3
ADC1
ADC2
Cell viability(%)
120
100
80
60
40
20
0
1x10-10
1x10-7
0.0001
0.1
mg/mL


KLM1
ADC1
ADC2
Cell viability(%)
120
100
80
60
40
20
0
1x10-10
1x10-7
0.0001
0.1
mg/mL

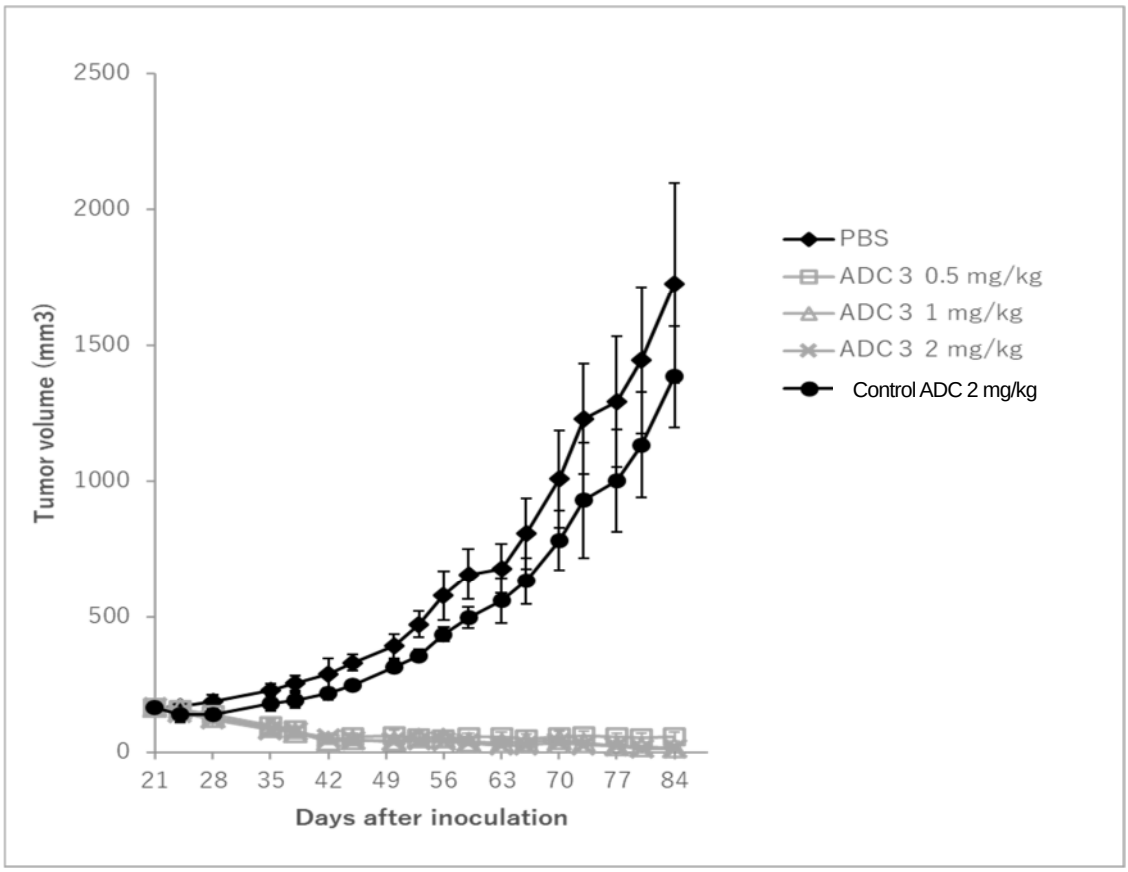
[Figure 3]


HCC 1954
ADC3
ADC4
Cell viability(%)
120
100
80
60
40
20
0
1x10^-10
1x10^-7
0.0001
0.1
mg/mL

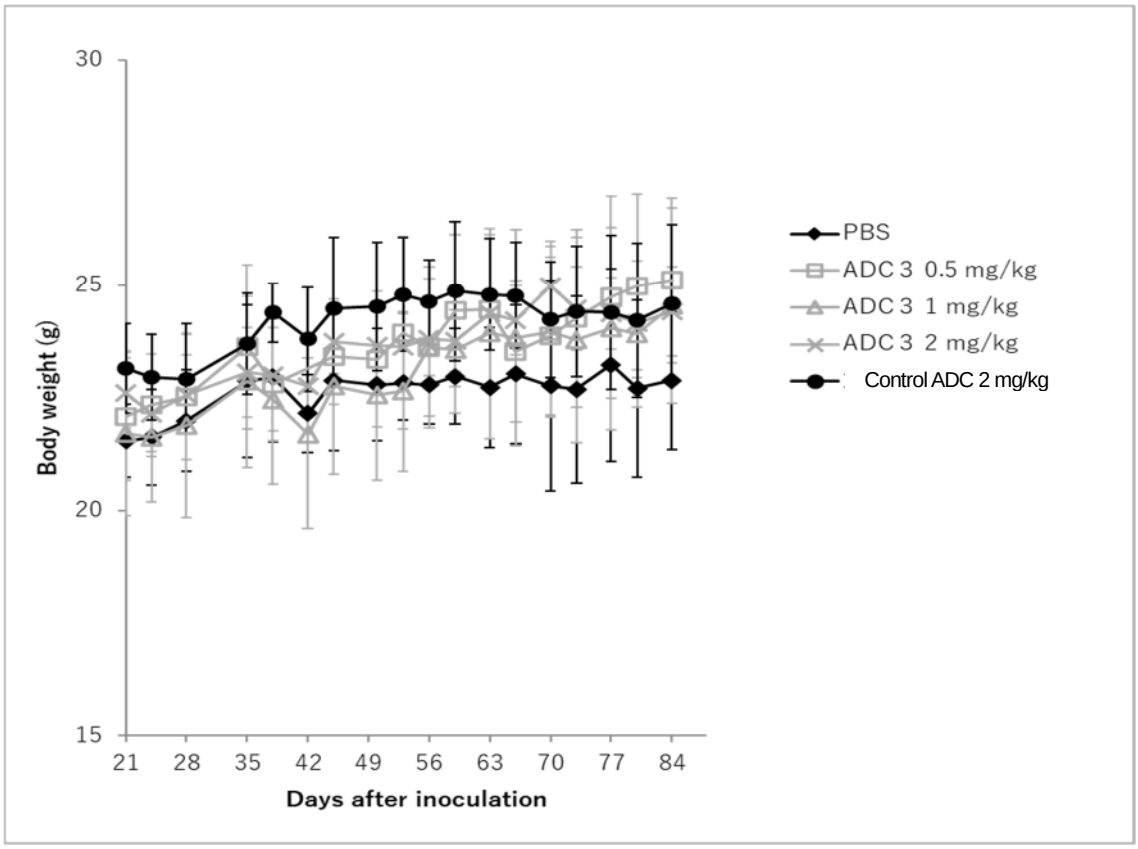

BxPC3
ADC3
ADC4
Cell viability(%)
120
100
80
60
40
20
0
1x10^-10
1x10^-7
0.0001
0.1
mg/mL


KLM1
ADC3
ADC4
Cell viability(%)
120
100
80
60
40
20
0
1x10^-10
1x10^-7
0.0001
0.1
mg/mL

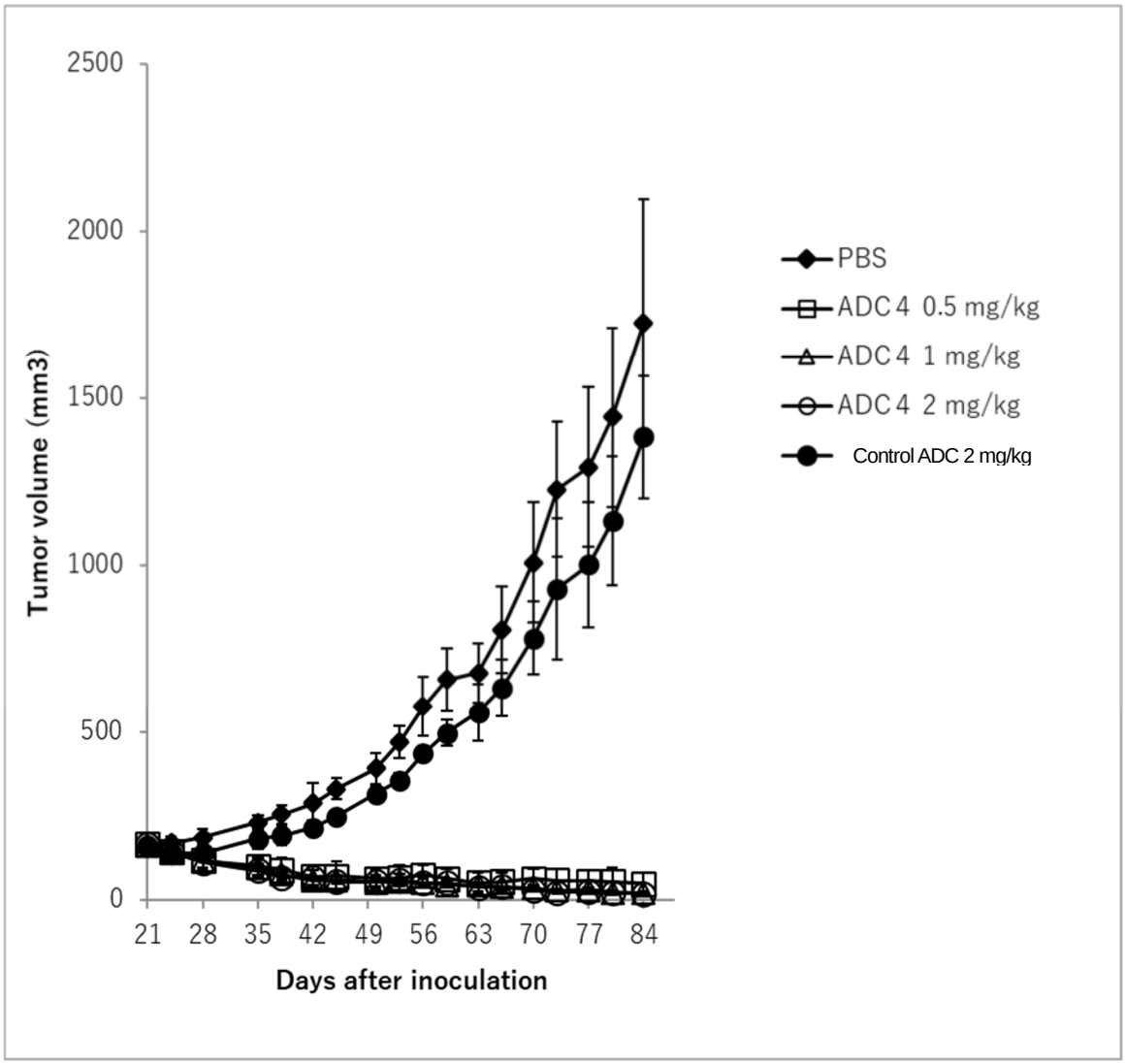
[Figure 4]


2500
2000
1500
1000
500
0
Tumor volume (mm3)
21
28
35
42
49
56
63
70
77
84
Days after inoculation
PBS
ADC 3 0.5 mg/kg
ADC 3 1 mg/kg
ADC 3 2 mg/kg
Control ADC 2 mg/kg

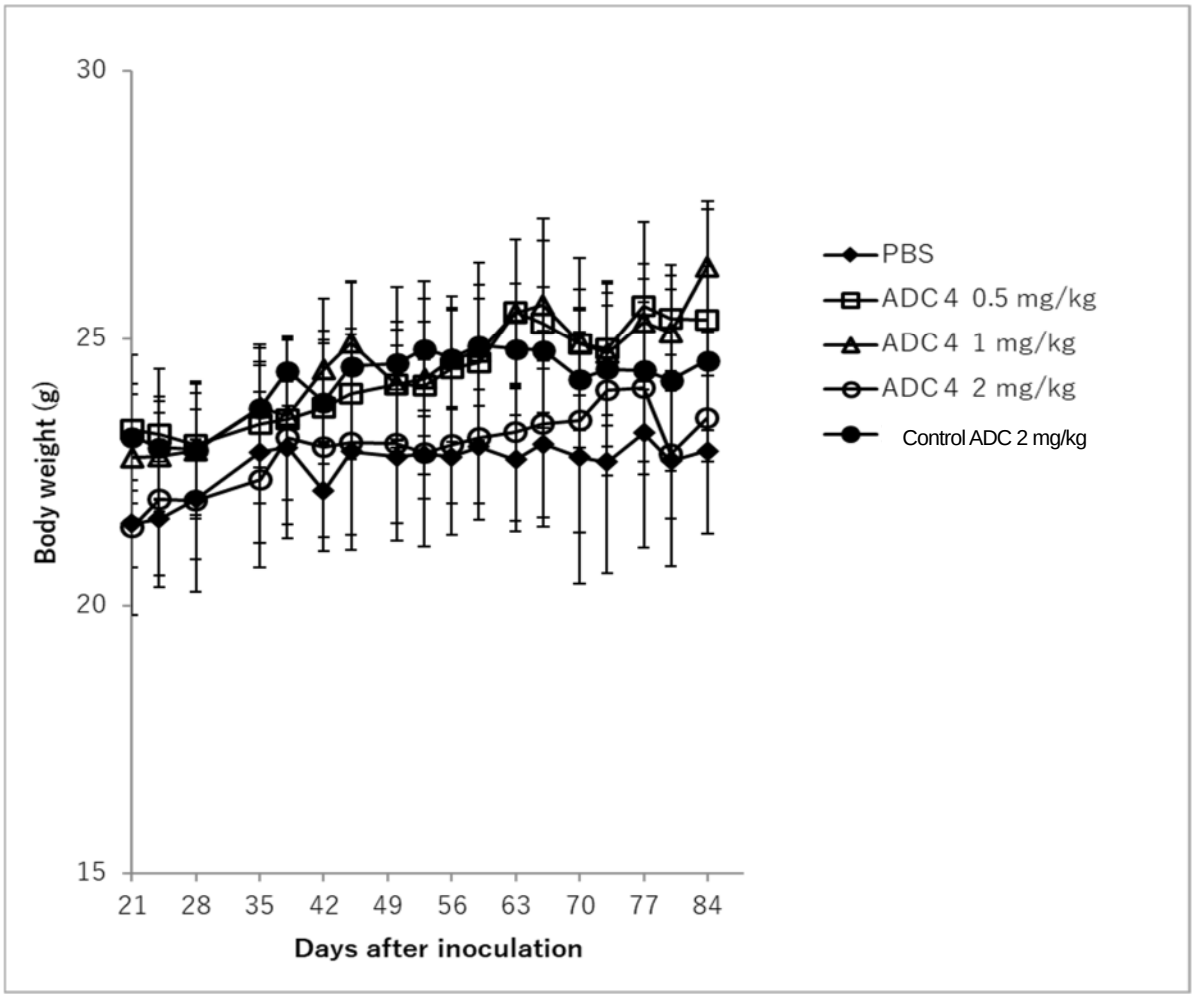
[Figure 5]


30
25
20
15
Body weight (g)
21
28
35
42
49
56
63
70
77
84
Days after inoculation
PBS
ADC 3 0.5 mg/kg
ADC 3 1 mg/kg
ADC 3 2 mg/kg
Control ADC 2 mg/kg

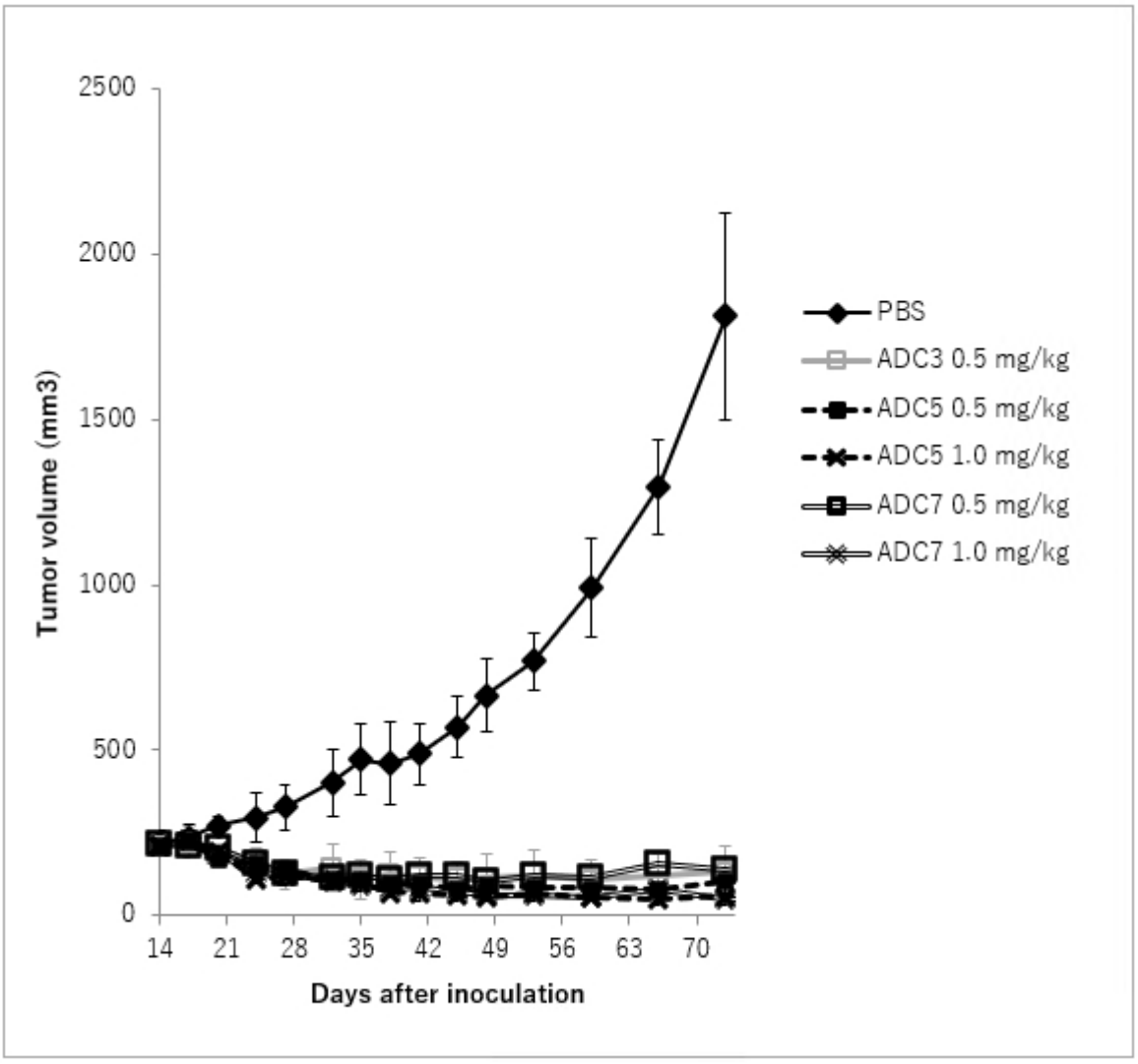
[Figure 6]


2500
2000
1500
1000
500
0
Tumor volume (mm3)
21
28
35
42
49
56
63
70
77
84
Days after inoculation
PBS
ADC 4 0.5 mg/kg
ADC 4 1 mg/kg
ADC 4 2 mg/kg
Control ADC 2 mg/kg

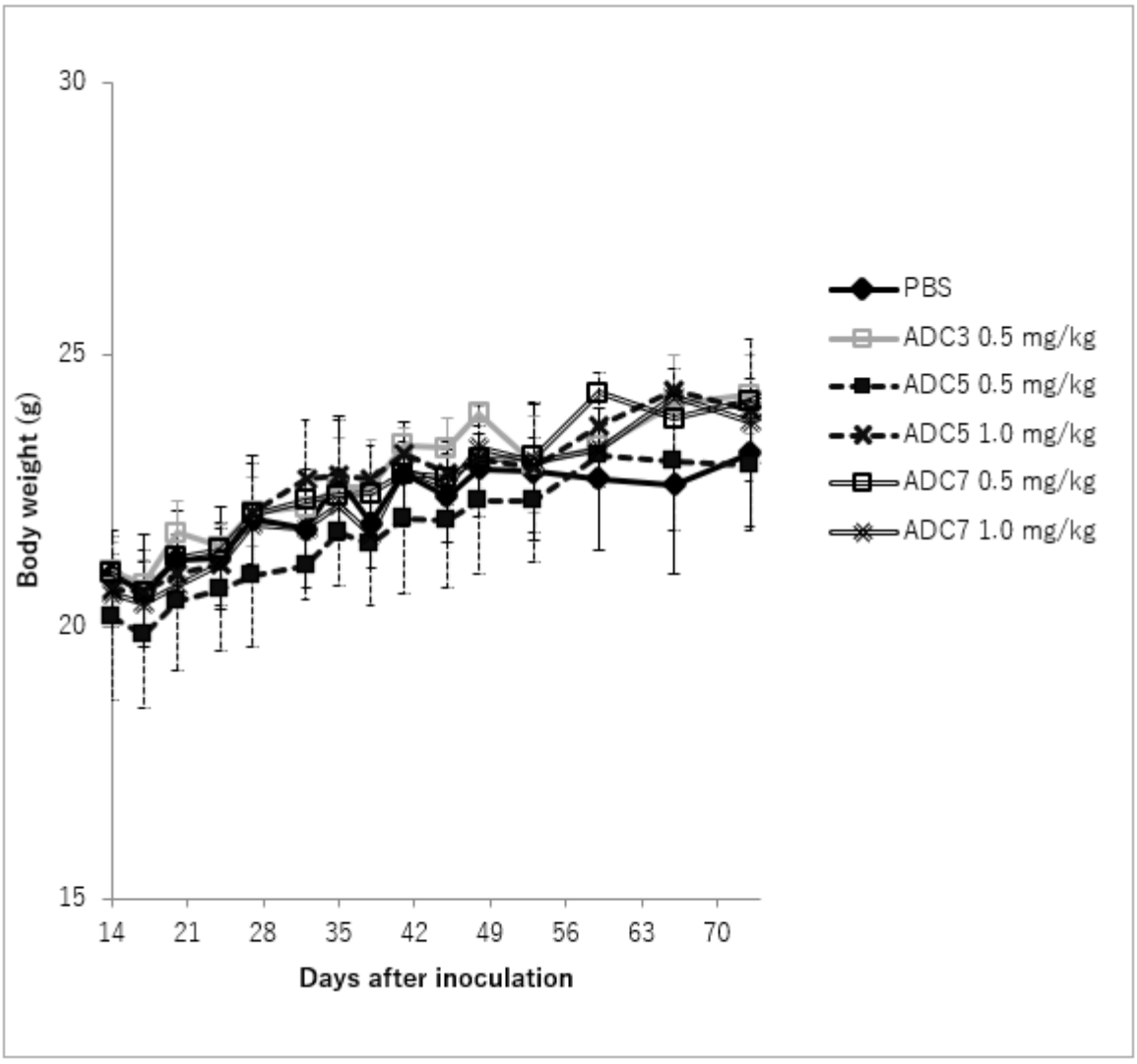
[Figure 7]


30
25
20
15
Body weight (g)
21
28
35
42
49
56
63
70
77
84
Days after inoculation
PBS
ADC 4 0.5 mg/kg
ADC 4 1 mg/kg
ADC 4 2 mg/kg
Control ADC 2 mg/kg

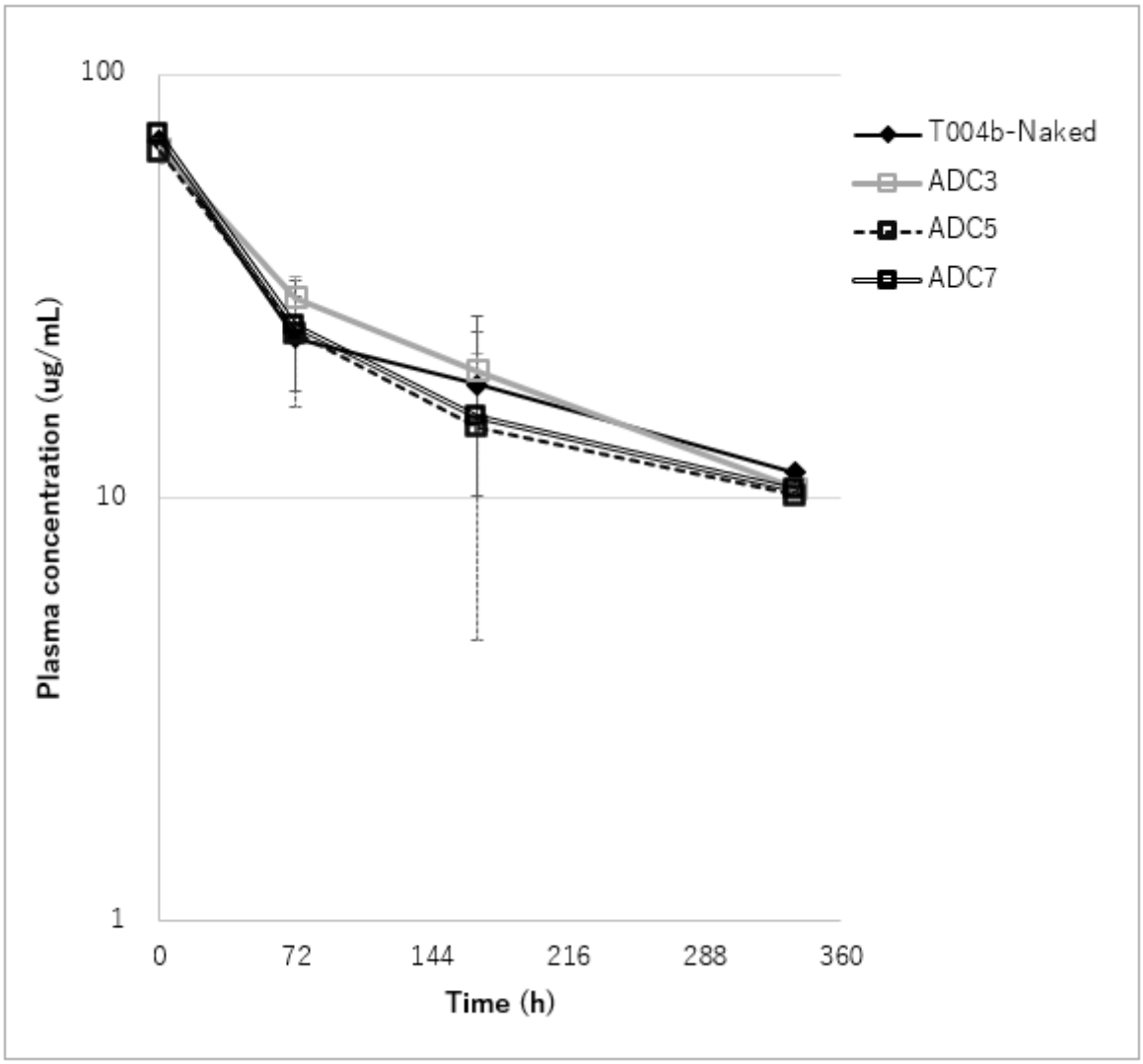
[Figure 8]


2500
2000
1500
1000
500
0
Tumor volume (mm3)
14
21
28
35
42
49
56
63
70
Days after inoculation
PBS
ADC3 0.5 mg/kg
ADC5 0.5 mg/kg
ADC5 1.0 mg/kg
ADC7 0.5 mg/kg
ADC7 1.0 mg/kg

[Figure 9]


30
25
20
15
Body weight (g)
14
21
28
35
42
49
56
63
70
Days after inoculation
PBS
ADC3 0.5 mg/kg
ADC5 0.5 mg/kg
ADC5 1.0 mg/kg
ADC7 0.5 mg/kg
ADC7 1.0 mg/kg

[Figure 10]


100
10
1
Plasma concentration (ug/mL)
0
72
144
216
288
360
Time (h)
T004b-Naked
ADC3
ADC5
ADC7