ADC-I

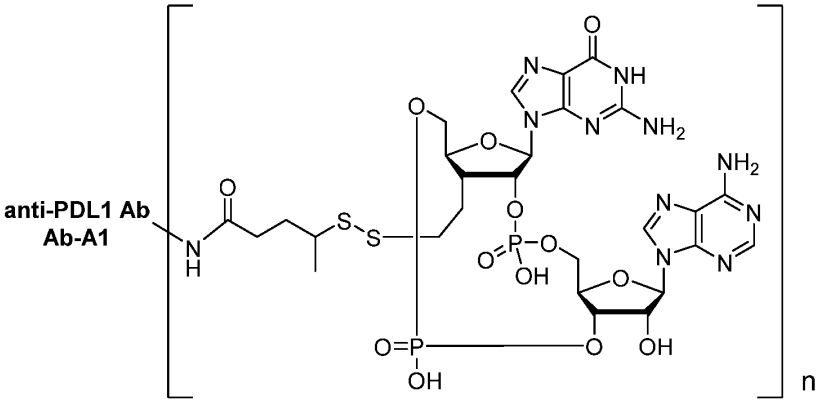


FIG 1A

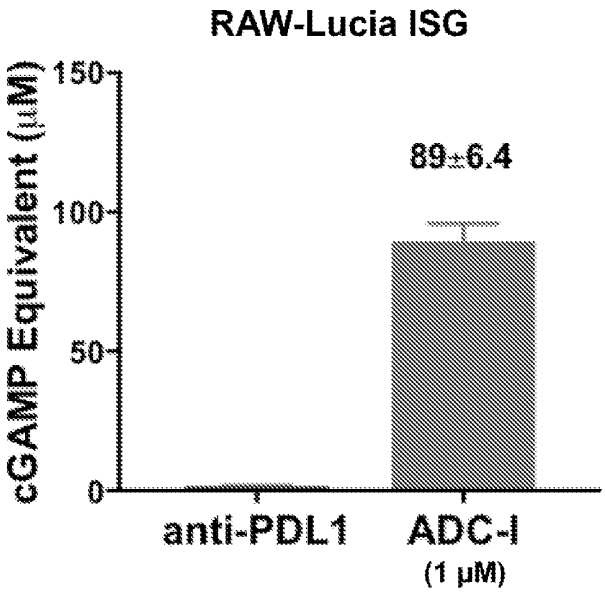


FIG. 1B

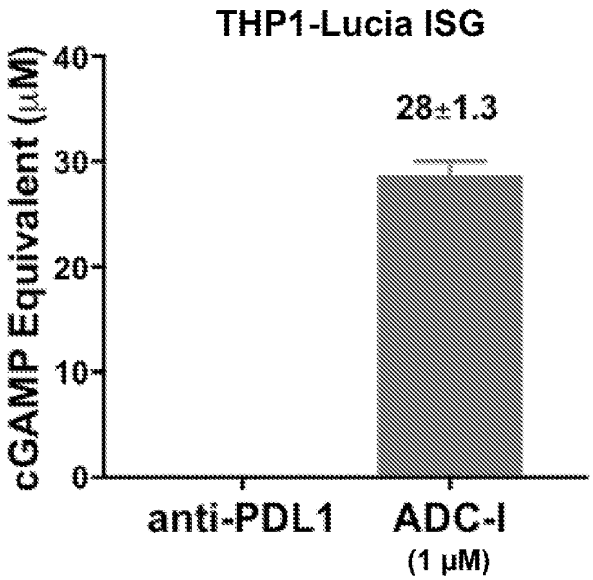

THP1-Lucia ISG
cGAMP Equivalent (μM)
40
30
20
10
0
28±1.3
anti-PDL1
ADC-I
(1 μM)

FIG. 1C

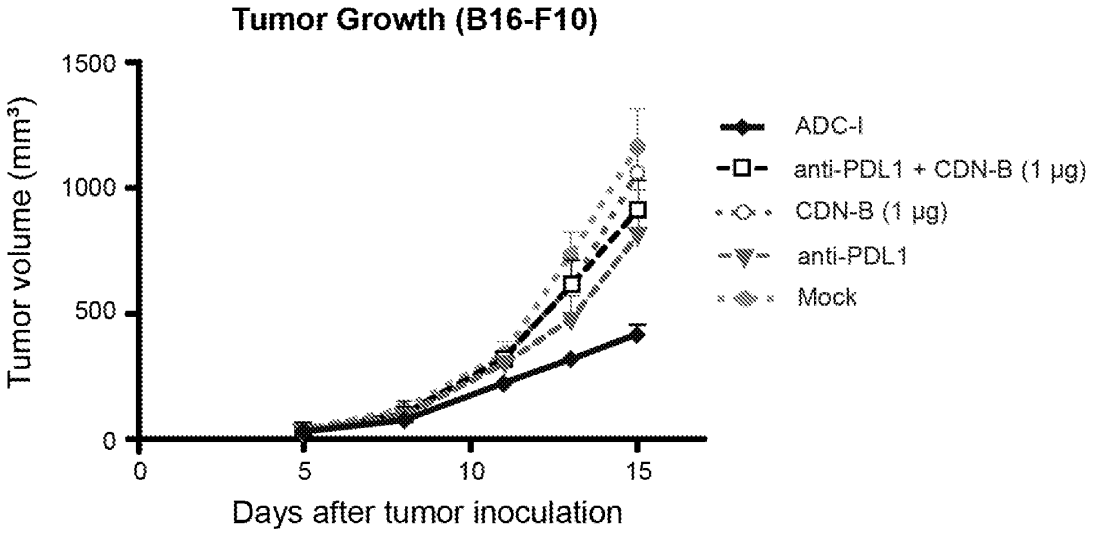

Tumor Growth (B16-F10)
Tumor volume (mm³)
1500
1000
500
0
0
5
10
15
Days after tumor inoculation
ADC-I
anti-PDL1 + CDN-B (1 μg)
CDN-B (1 μg)
anti-PDL1
Mock

FIG. 1D

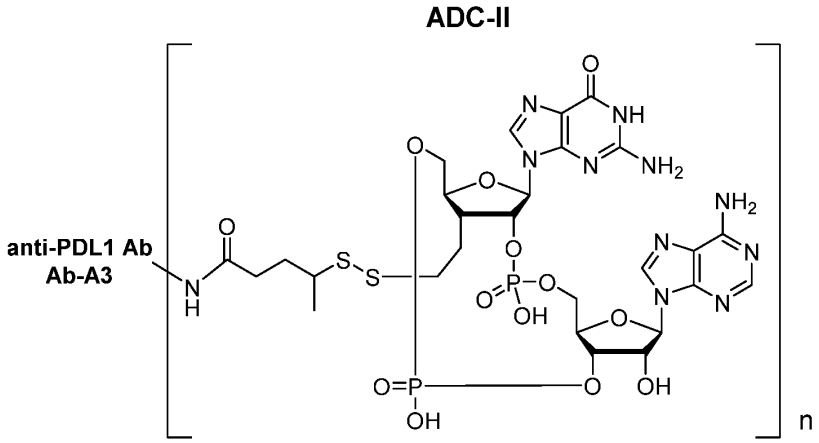

ADC-II
anti-PDL1 Ab
Ab-A3
n

FIG. 2A

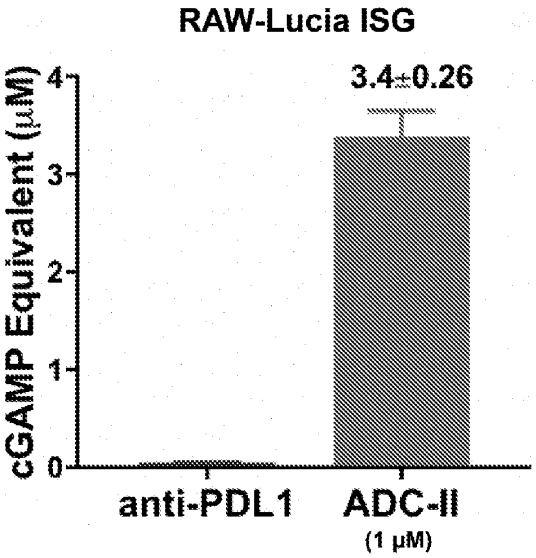

RAW-Lucia ISG
cGAMP Equivalent (μM)
3.4±0.26
anti-PDL1
ADC-II
(1 μM)

FIG. 2B

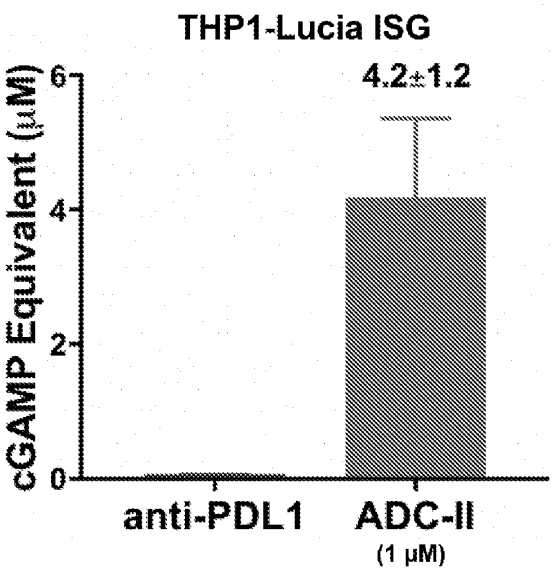

THP1-Lucia ISG
4.2±1.2
cGAMP Equivalent (μM)
6
4
2
0
anti-PDL1
ADC-II
(1 μM)

FIG. 2C

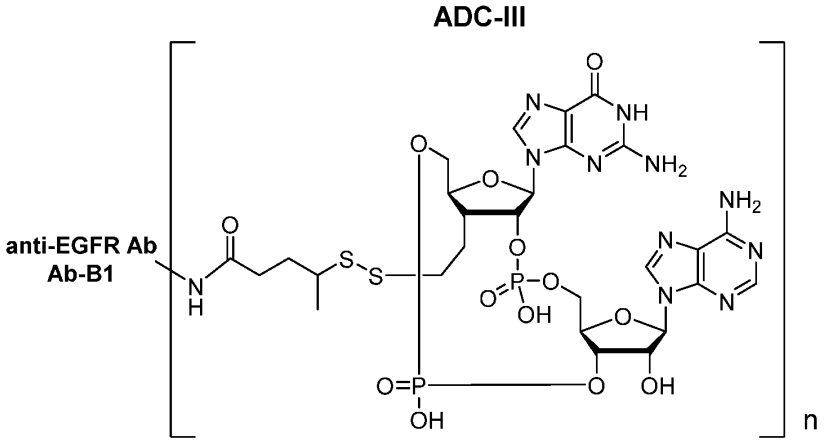

ADC-III
anti-EGFR Ab
Ab-B1
n

FIG. 3A

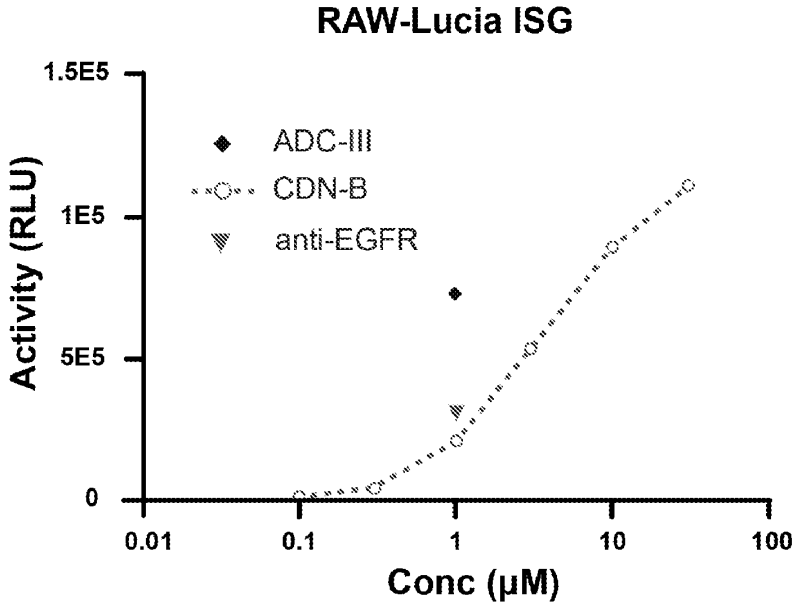

RAW-Lucia ISG
1.5E5
1E5
5E5
0
Activity (RLU)
ADC-III
CDN-B
anti-EGFR
0.01
0.1
1
10
100
Conc (μM)

FIG. 3B

ADC-IV

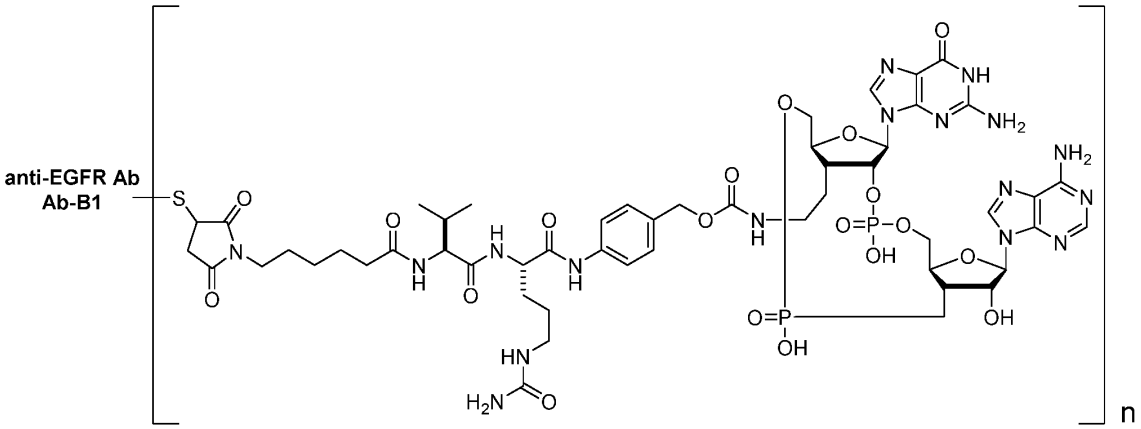


FIG. 4A

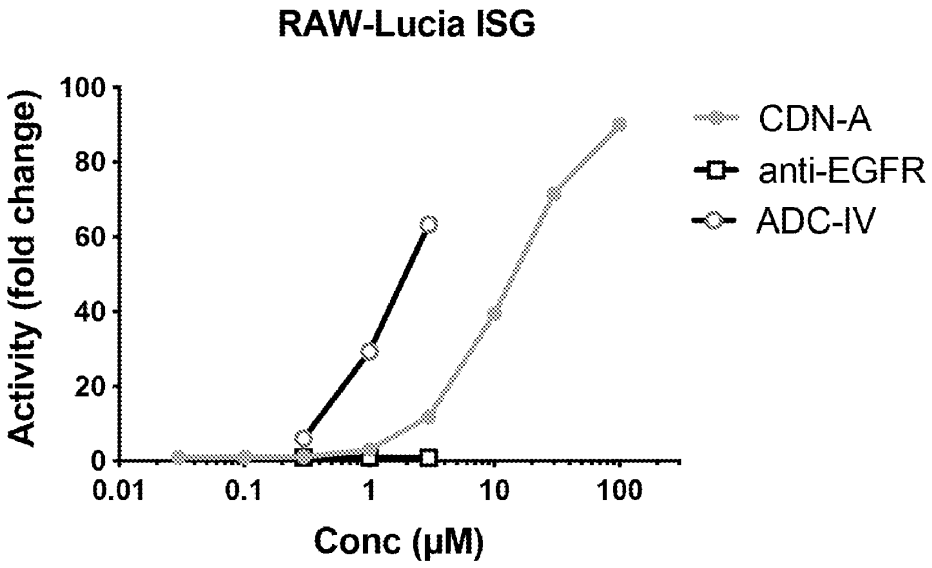


FIG. 4B

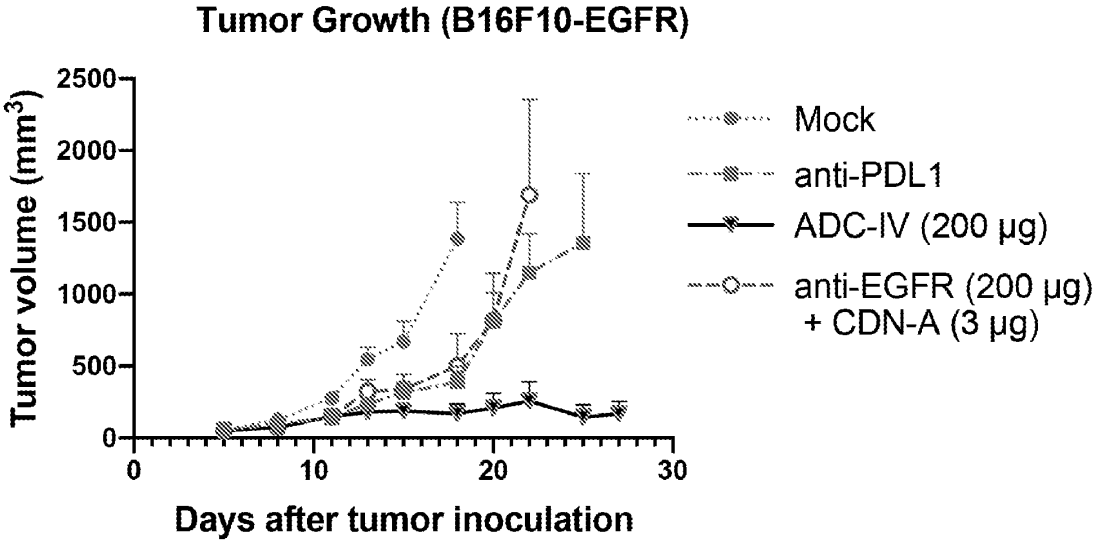

Tumor Growth (B16F10-EGFR)
Tumor volume (mm3)
2500
2000
1500
1000
500
0
0
10
20
30
Days after tumor inoculation
Mock
anti-PDL1
ADC-IV (200 µg)
anti-EGFR (200 µg)
+ CDN-A (3 µg)

FIG. 4C

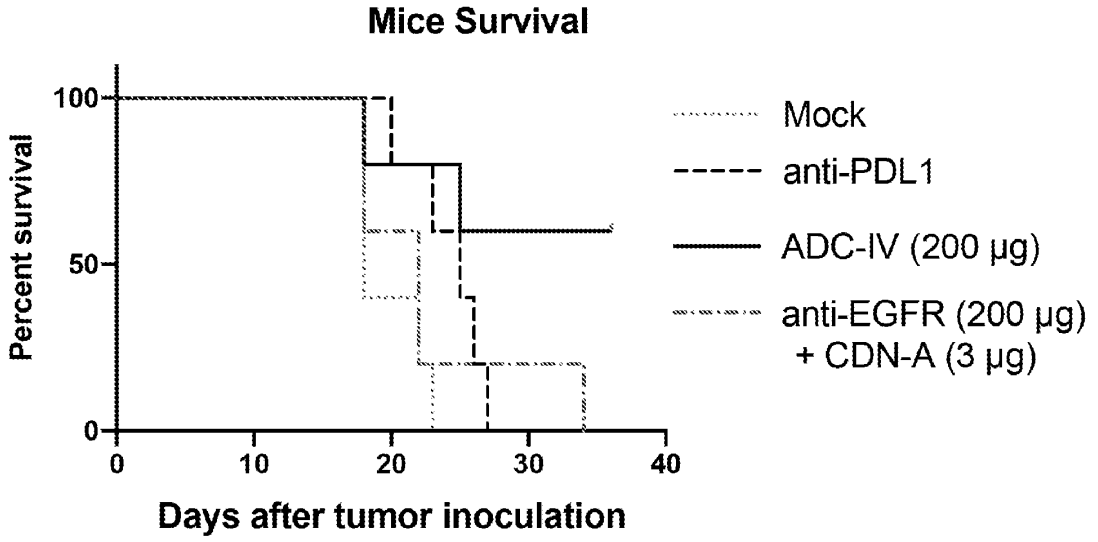

Mice Survival
Percent survival
100
50
0
0
10
20
30
40
Days after tumor inoculation
Mock
anti-PDL1
ADC-IV (200 µg)
anti-EGFR (200 µg)
+ CDN-A (3 µg)

FIG. 4D

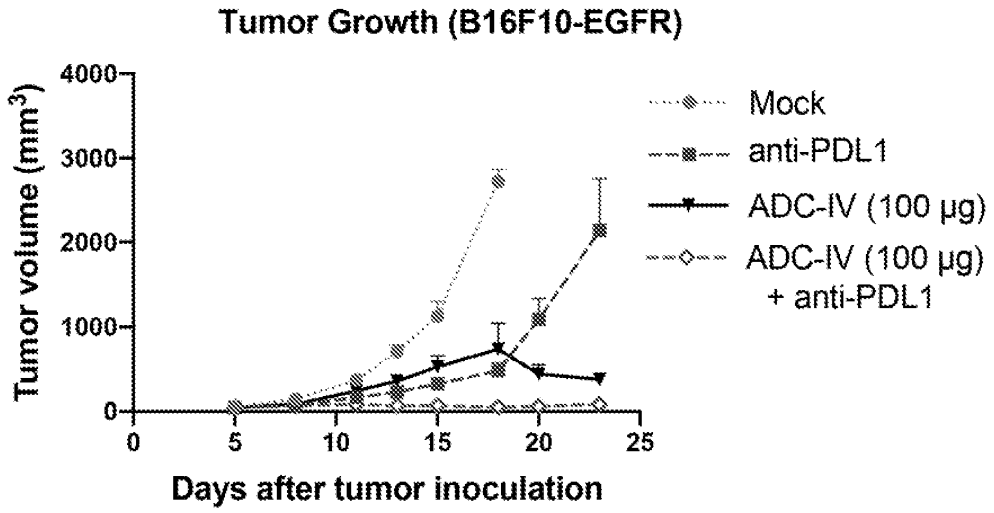

Tumor Growth (B16F10-EGFR)
Tumor volume (mm3)
4000
3000
2000
1000
0
0
5
10
15
20
25
Days after tumor inoculation
Mock
anti-PDL1
ADC-IV (100 µg)
ADC-IV (100 µg)
+ anti-PDL1

FIG. 4E

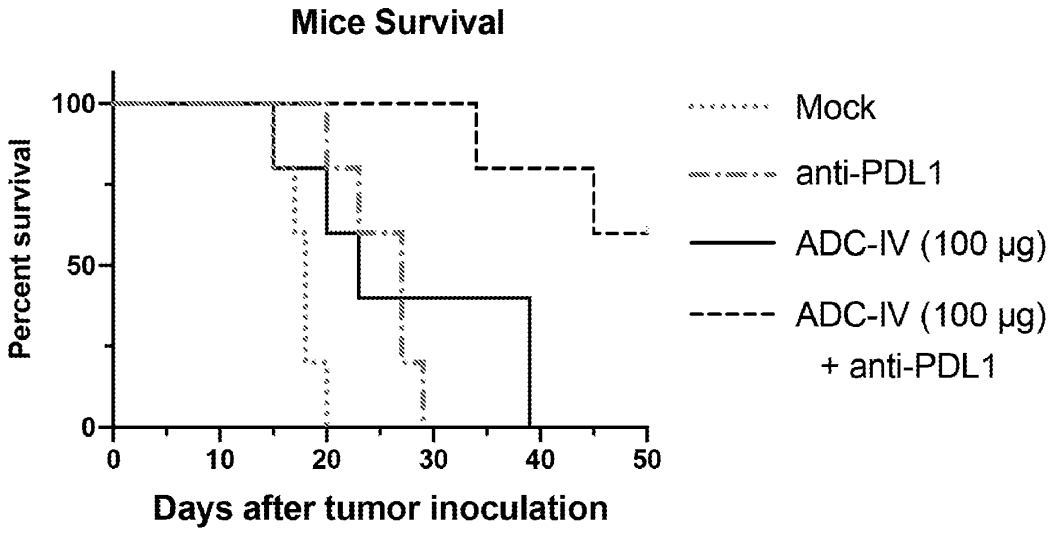

Mice Survival
Percent survival
100
50
0
0
10
20
30
40
50
Days after tumor inoculation
Mock
anti-PDL1
ADC-IV (100 µg)
ADC-IV (100 µg)
+ anti-PDL1

FIG. 4F

ADC-V

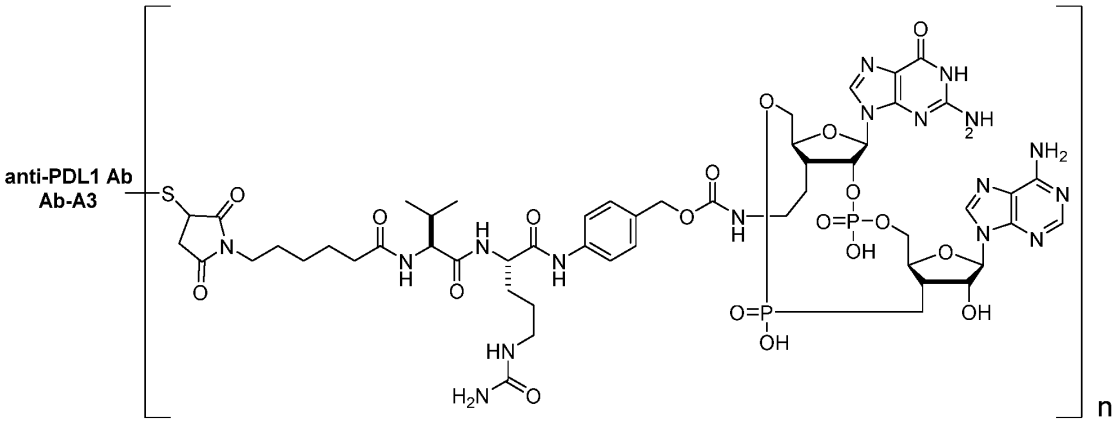


FIG. 5A

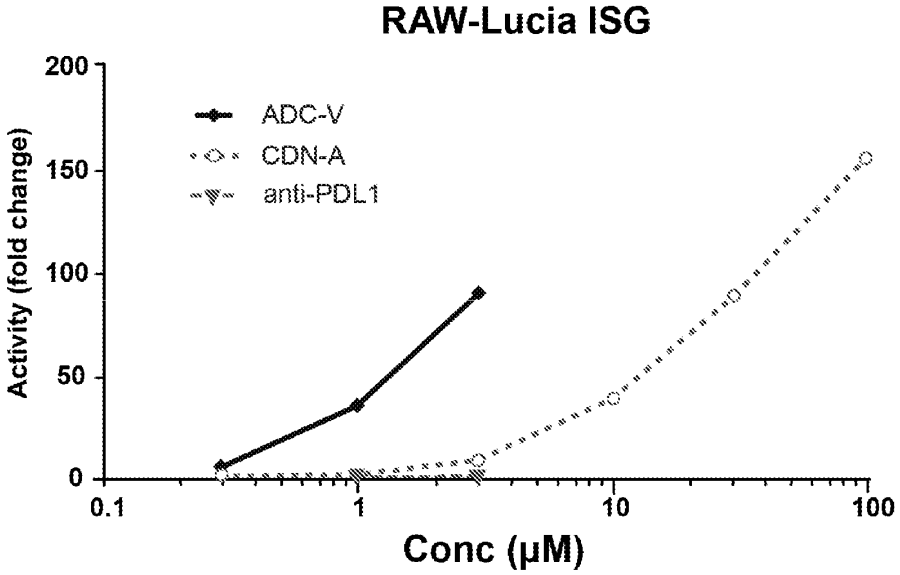


FIG. 5B

ADC-VI

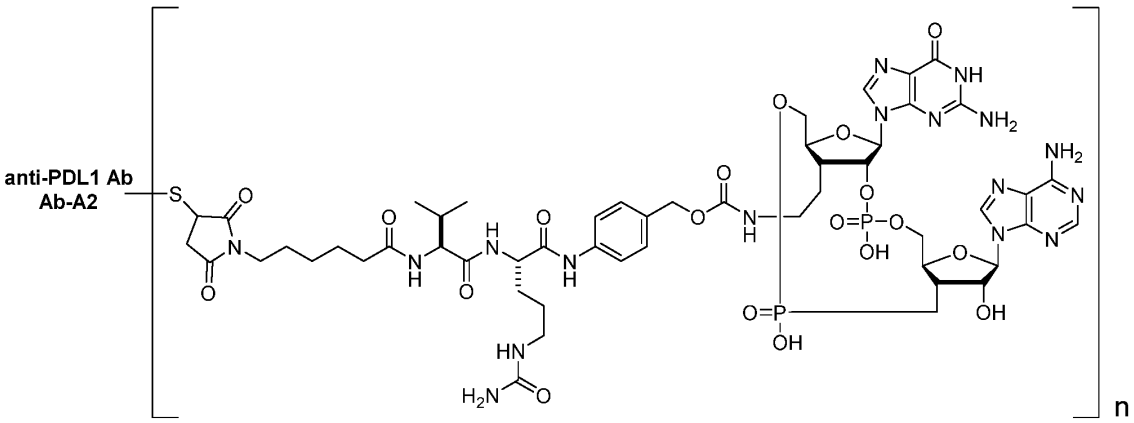


FIG. 6A

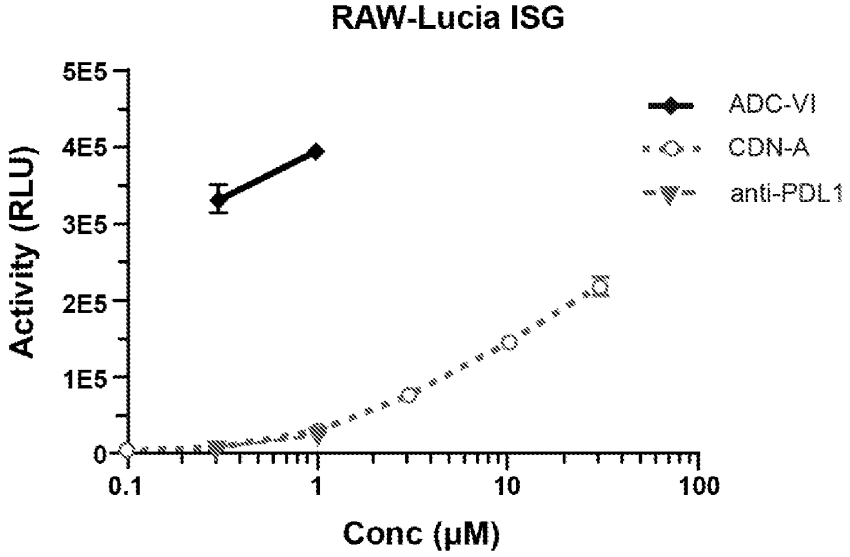


FIG. 6B

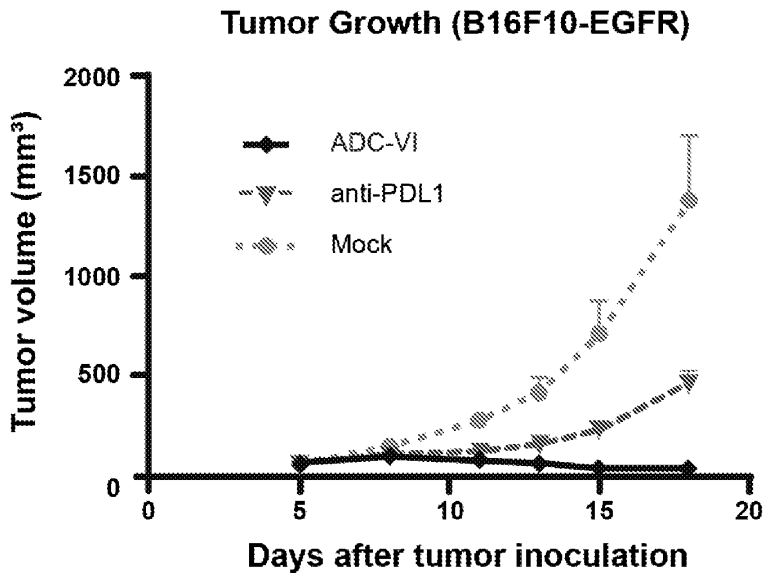

Tumor Growth (B16F10-EGFR)
Tumor volume (mm³)
2000
1500
1000
500
0
ADC-VI
anti-PDL1
Mock
0
5
10
15
20
Days after tumor inoculation

FIG. 6C

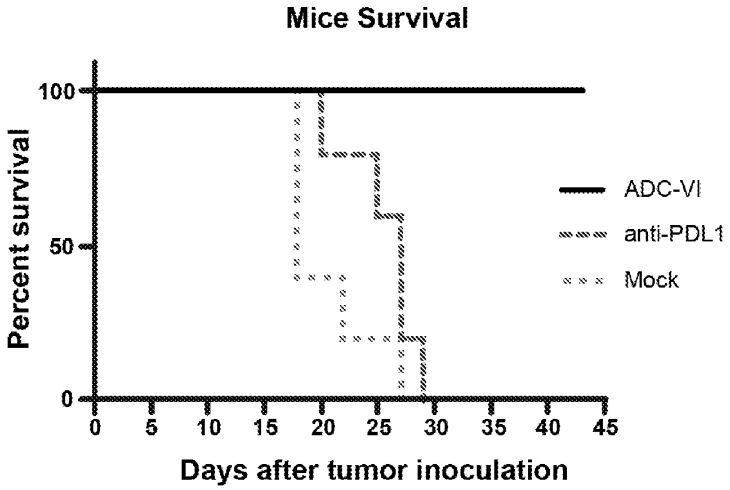

Mice Survival
Percent survival
100
50
0
ADC-VI
anti-PDL1
Mock
0
5
10
15
20
25
30
35
40
45
Days after tumor inoculation

FIG. 6D

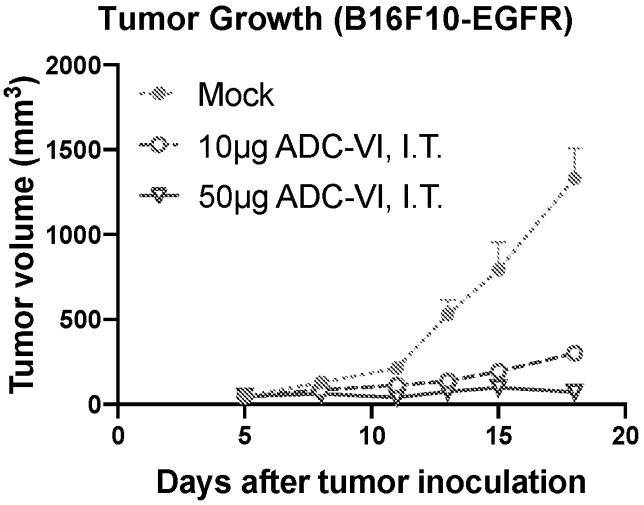

Tumor Growth (B16F10-EGFR)
Tumor volume (mm3)
2000
1500
1000
500
0
Mock
10μg ADC-VI, I.T.
50μg ADC-VI, I.T.
0
5
10
15
20
Days after tumor inoculation

FIG. 6E

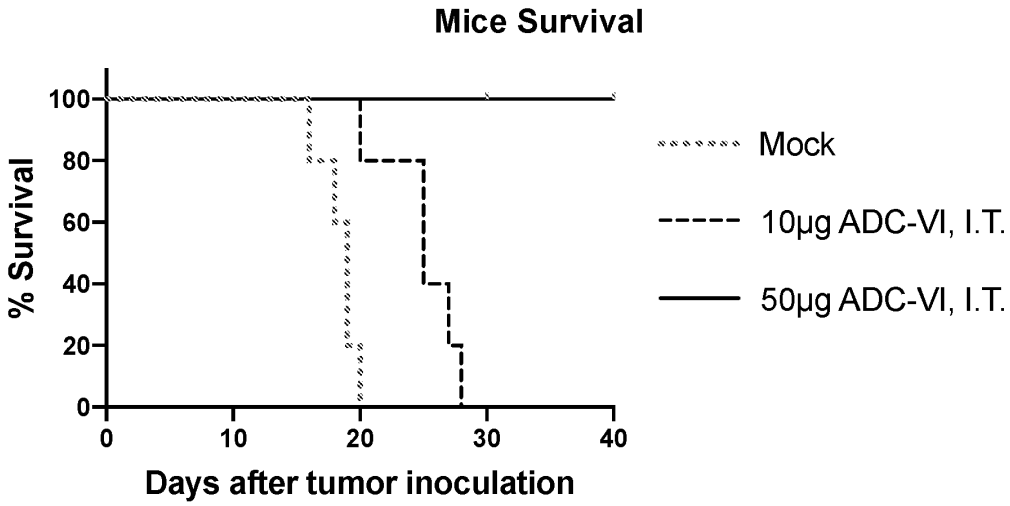

Mice Survival
% Survival
100
80
60
40
20
0
0
10
20
30
40
Days after tumor inoculation
Mock
10μg ADC-VI, I.T.
50μg ADC-VI, I.T.

FIG. 6F

ADC-VII

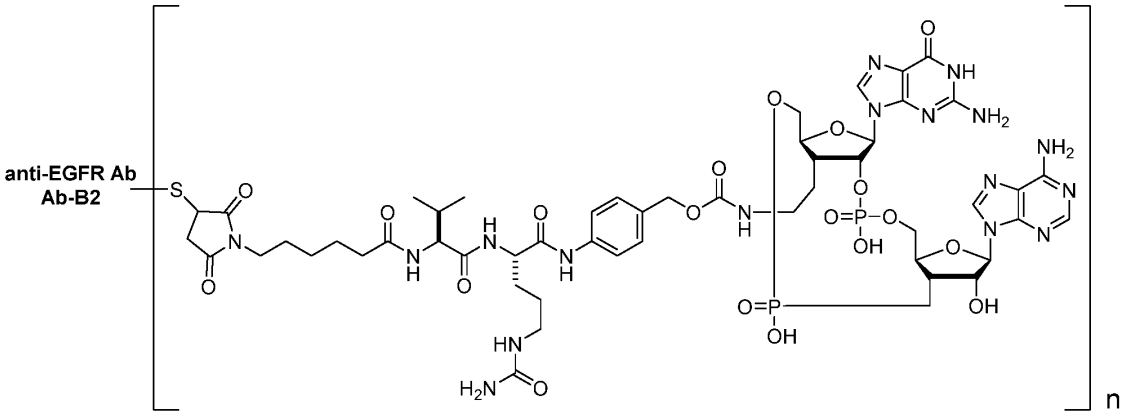


FIG. 7A

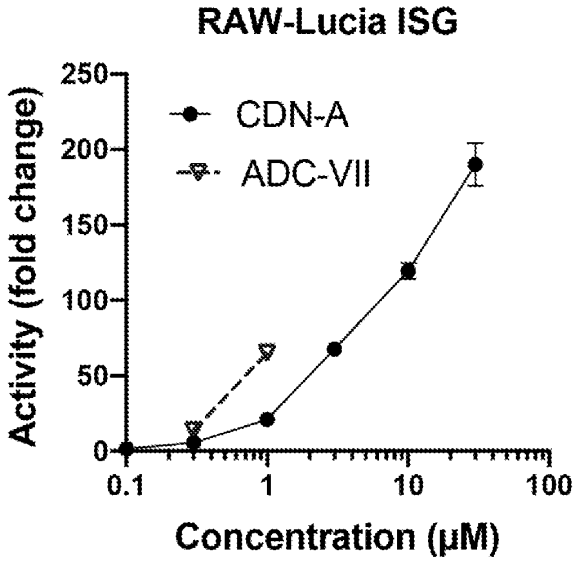


FIG. 7B

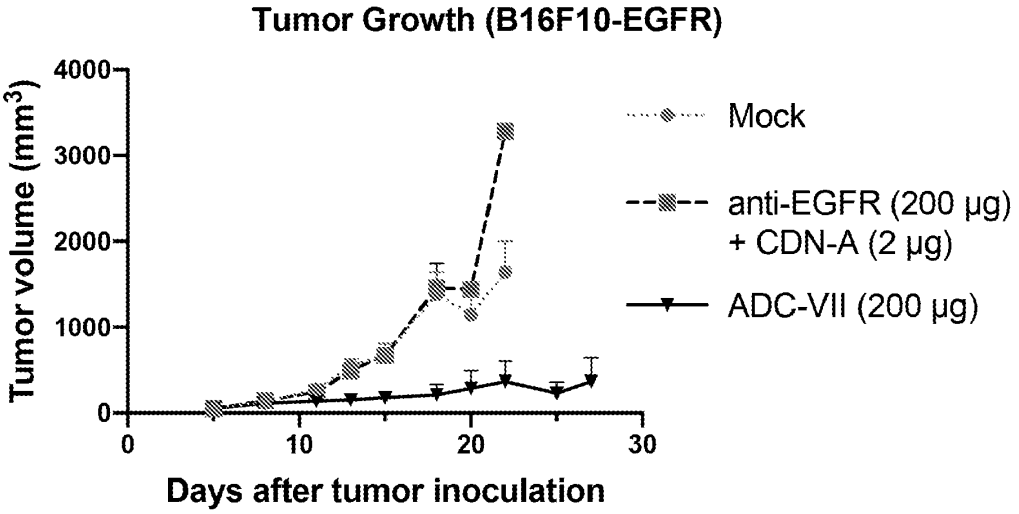

Tumor Growth (B16F10-EGFR)
Tumor volume (mm3)
4000
3000
2000
1000
0
0
10
20
30
Days after tumor inoculation
Mock
anti-EGFR (200 µg)
+ CDN-A (2 µg)
ADC-VII (200 µg)

FIG. 7C

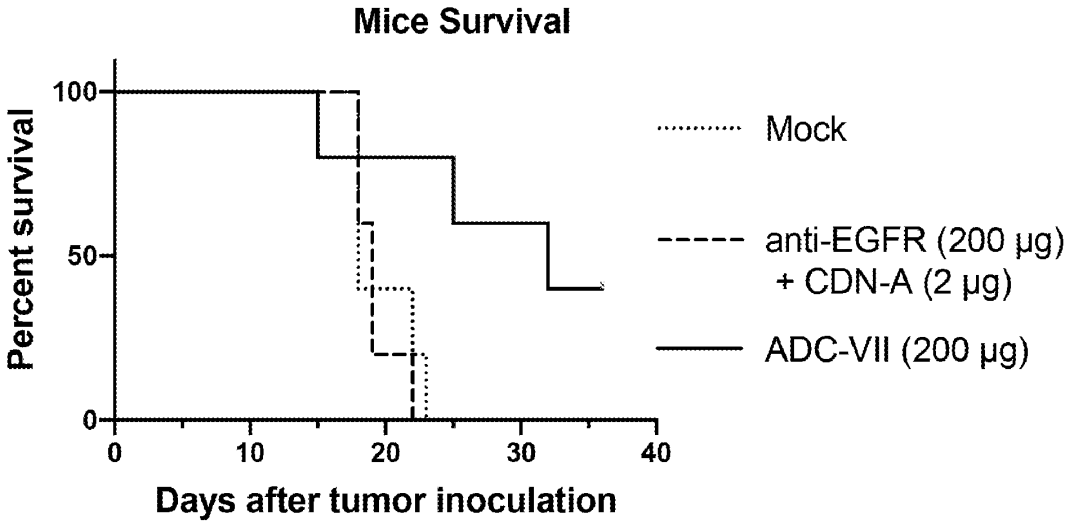

Mice Survival
Percent survival
100
50
0
0
10
20
30
40
Days after tumor inoculation
Mock
anti-EGFR (200 µg)
+ CDN-A (2 µg)
ADC-VII (200 µg)

FIG. 7D

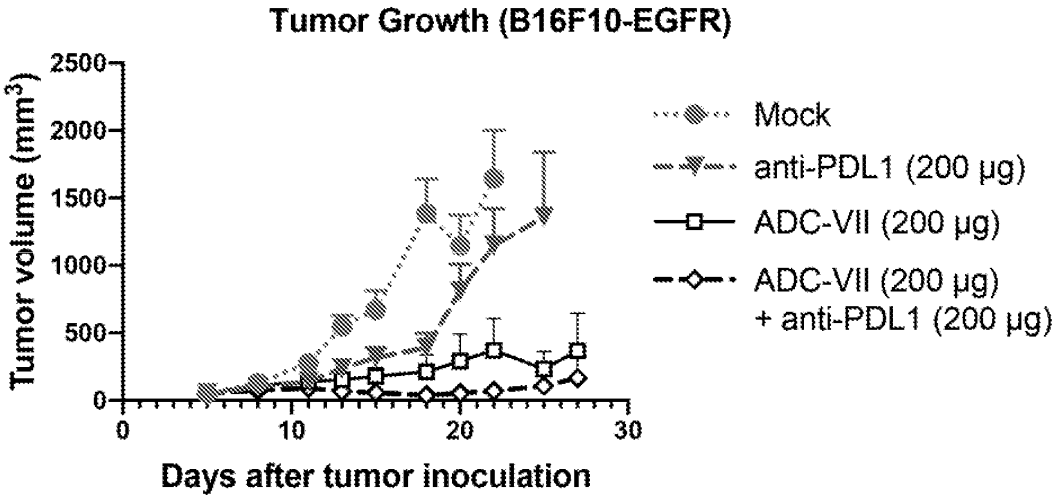

Tumor Growth (B16F10-EGFR)
Tumor volume (mm3)
2500
2000
1500
1000
500
0
0
10
20
30
Days after tumor inoculation
Mock
anti-PDL1 (200 µg)
ADC-VII (200 µg)
ADC-VII (200 µg)
+ anti-PDL1 (200 µg)

FIG. 7E

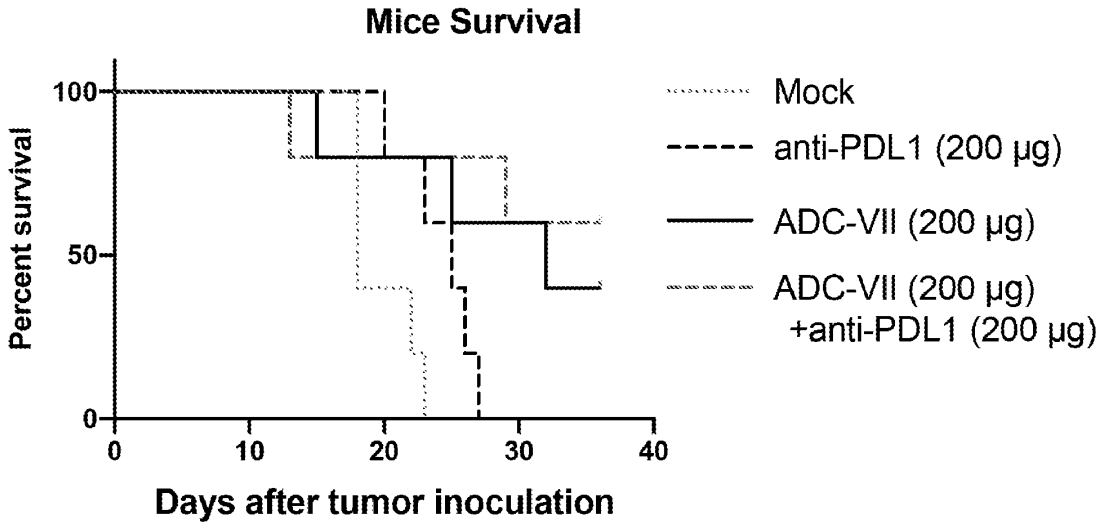

Mice Survival
Percent survival
100
50
0
0
10
20
30
40
Days after tumor inoculation
Mock
anti-PDL1 (200 µg)
ADC-VII (200 µg)
ADC-VII (200 µg)
+anti-PDL1 (200 µg)

FIG. 7F

ADC-VIII

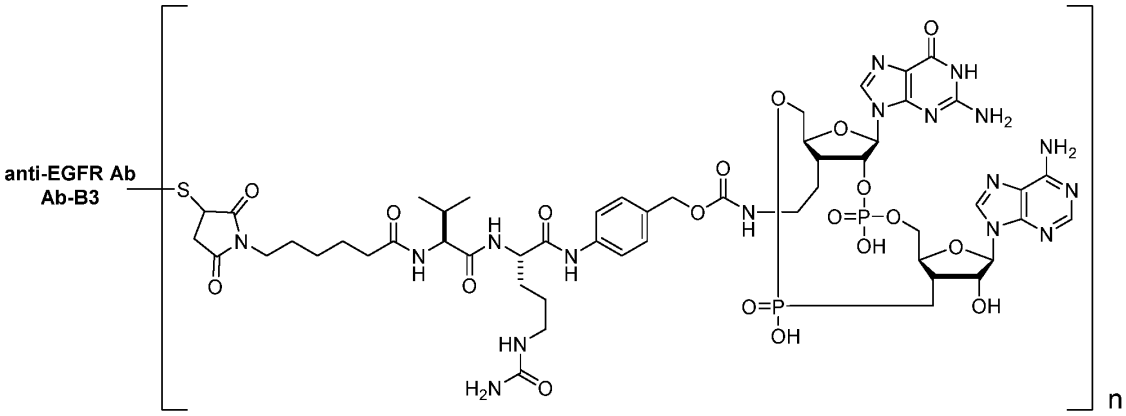


FIG. 8A

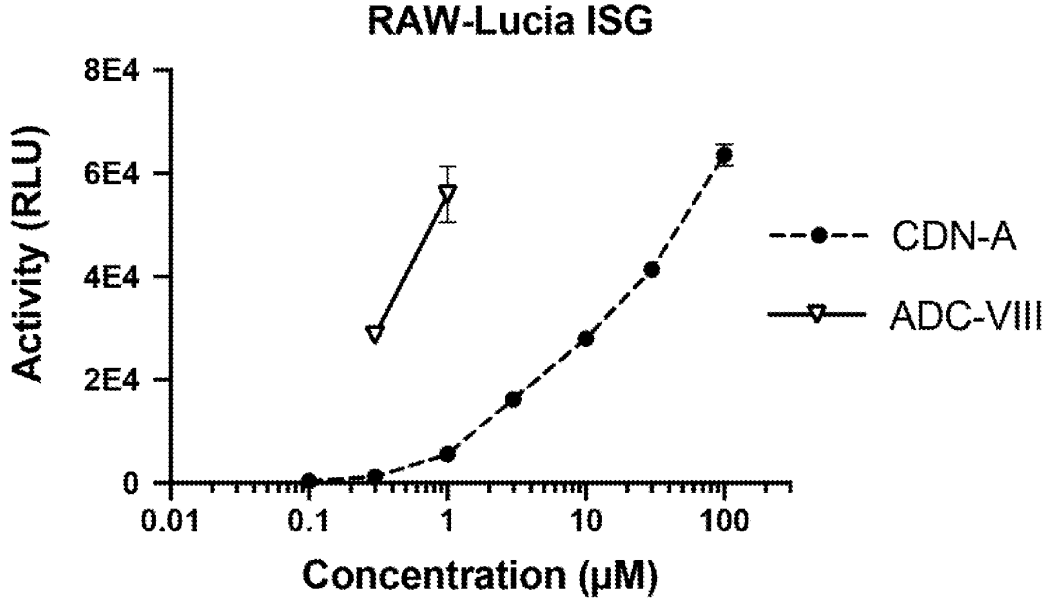


FIG. 8B

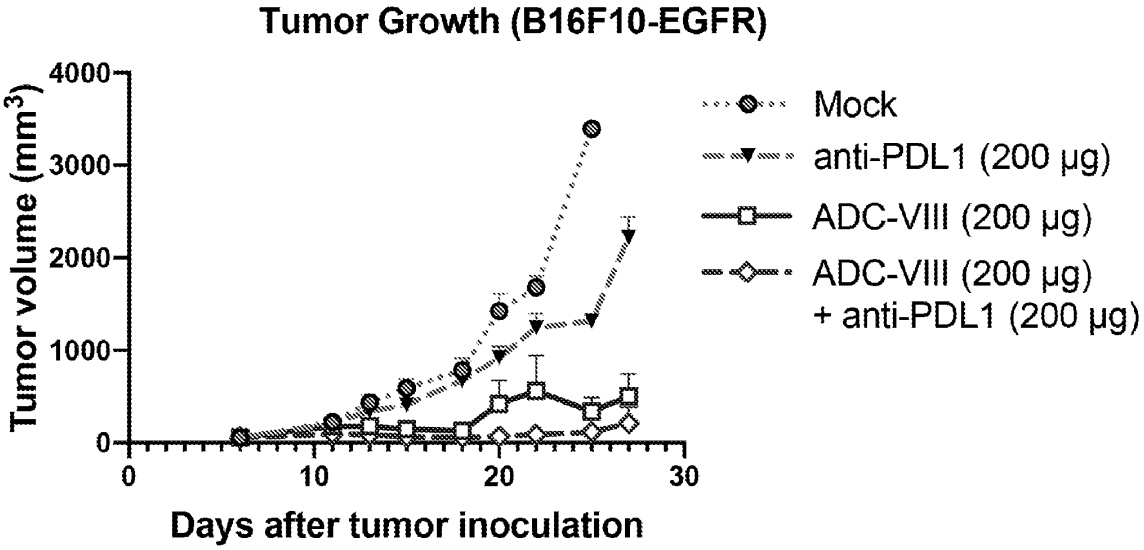

Tumor Growth (B16F10-EGFR)
Tumor volume (mm3)
4000
3000
2000
1000
0
0
10
20
30
Days after tumor inoculation
Mock
anti-PDL1 (200 µg)
ADC-VIII (200 µg)
ADC-VIII (200 µg)
+ anti-PDL1 (200 µg)

FIG. 8C

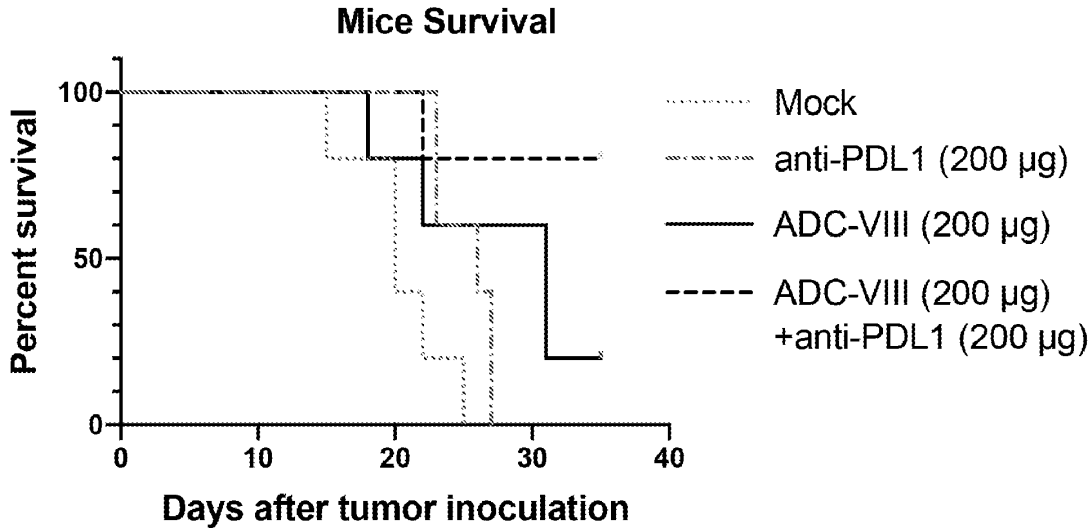

Mice Survival
Percent survival
100
50
0
0
10
20
30
40
Days after tumor inoculation
Mock
anti-PDL1 (200 µg)
ADC-VIII (200 µg)
ADC-VIII (200 µg)
+anti-PDL1 (200 µg)

FIG. 8D

ADC-IX

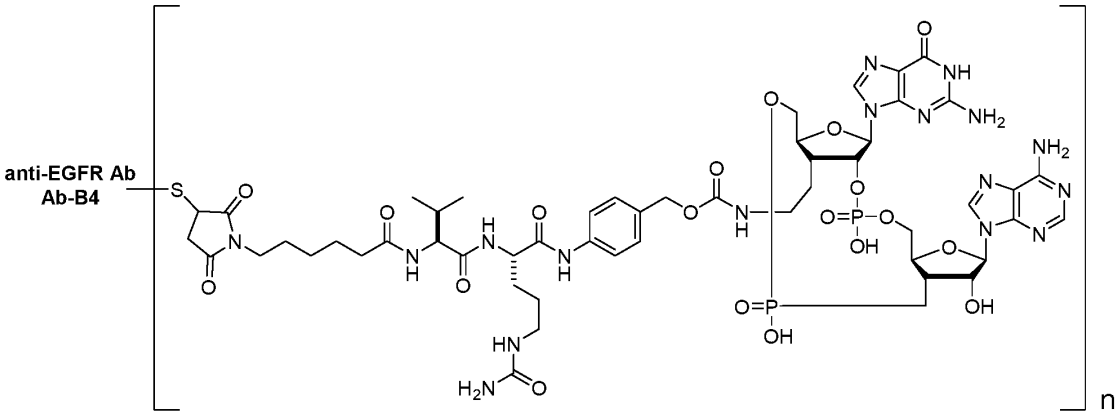


FIG. 9A

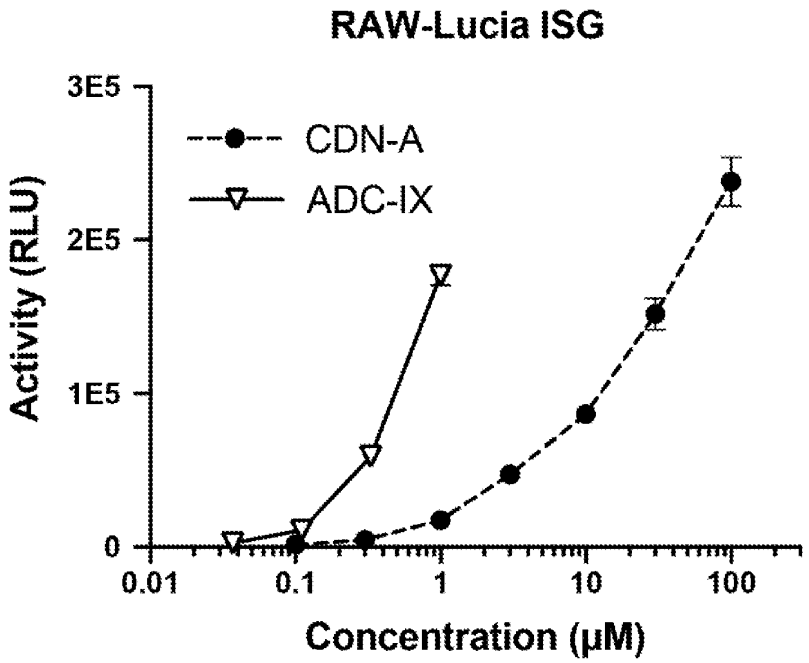


FIG. 9B

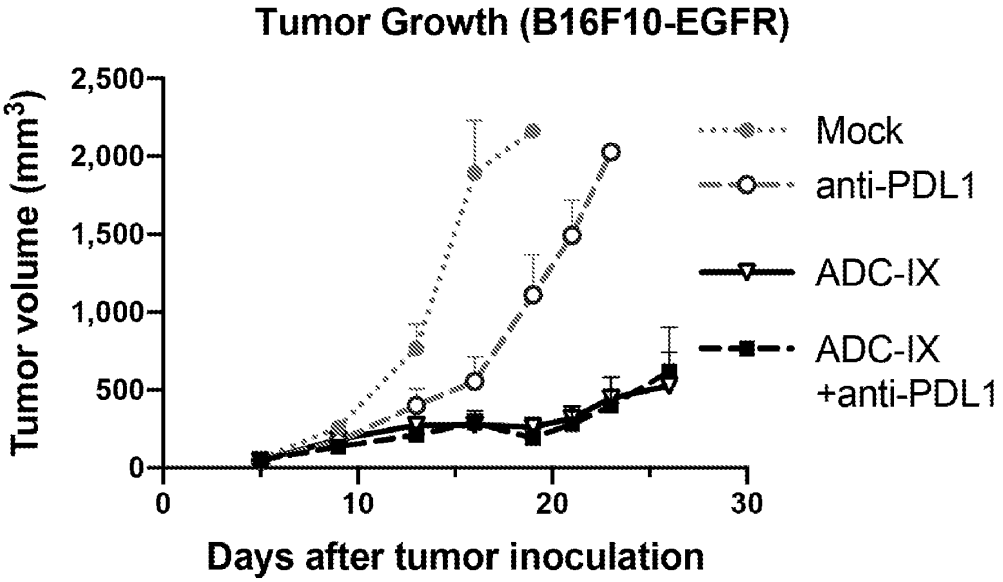

Tumor Growth (B16F10-EGFR)
Tumor volume (mm3)
2,500
2,000
1,500
1,000
500
0
0
10
20
30
Days after tumor inoculation
Mock
anti-PDL1
ADC-IX
ADC-IX
+anti-PDL1

FIG. 9C

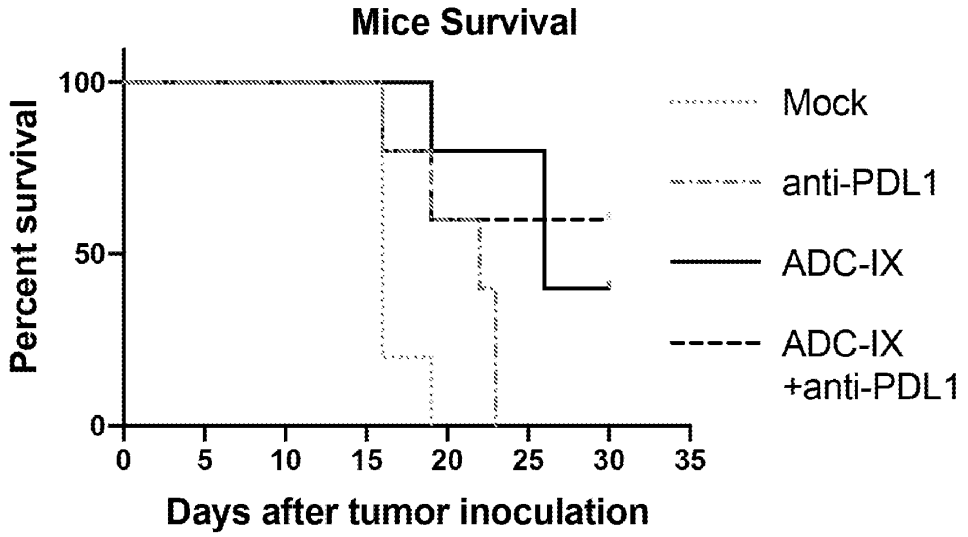

Mice Survival
Percent survival
100
50
0
0
5
10
15
20
25
30
35
Days after tumor inoculation
Mock
anti-PDL1
ADC-IX
ADC-IX
+anti-PDL1

FIG. 9D

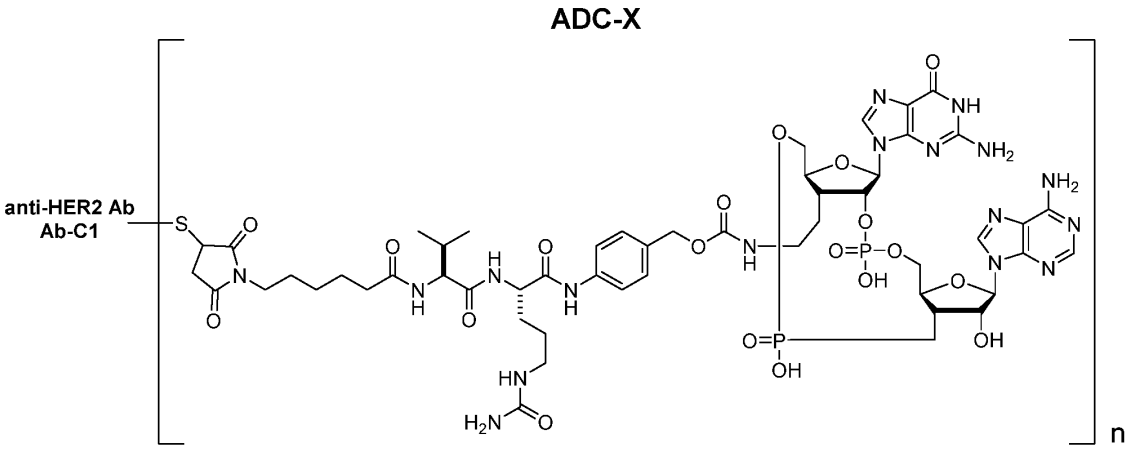


FIG. 10A

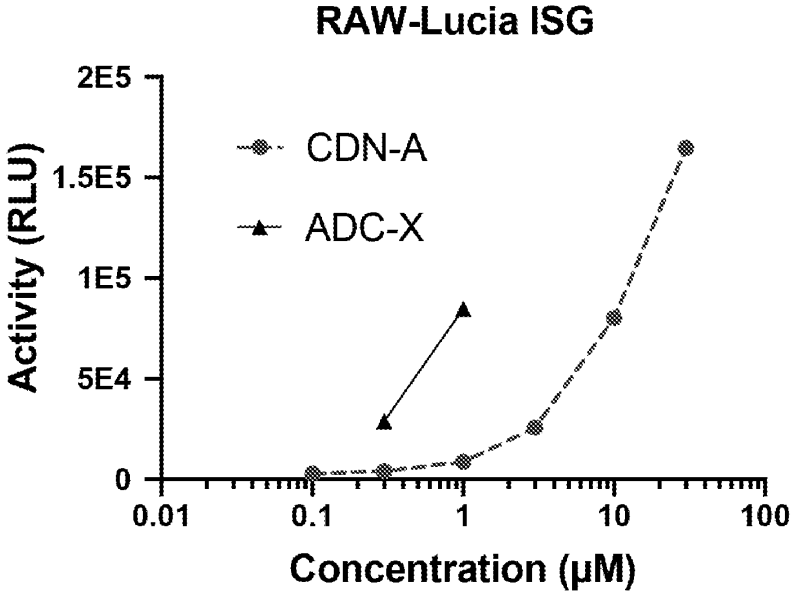


FIG. 10B

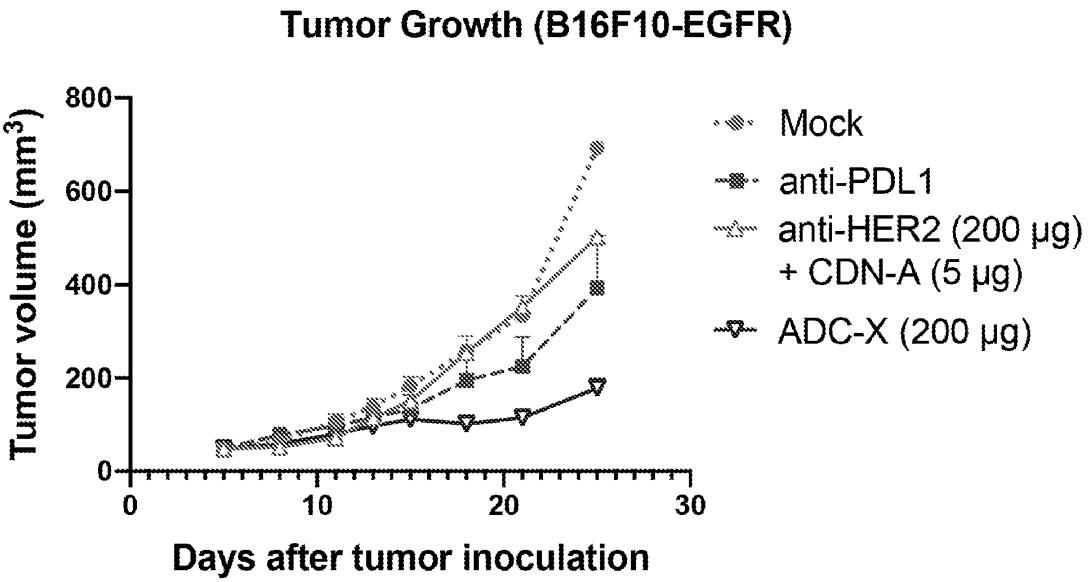


FIG. 10C

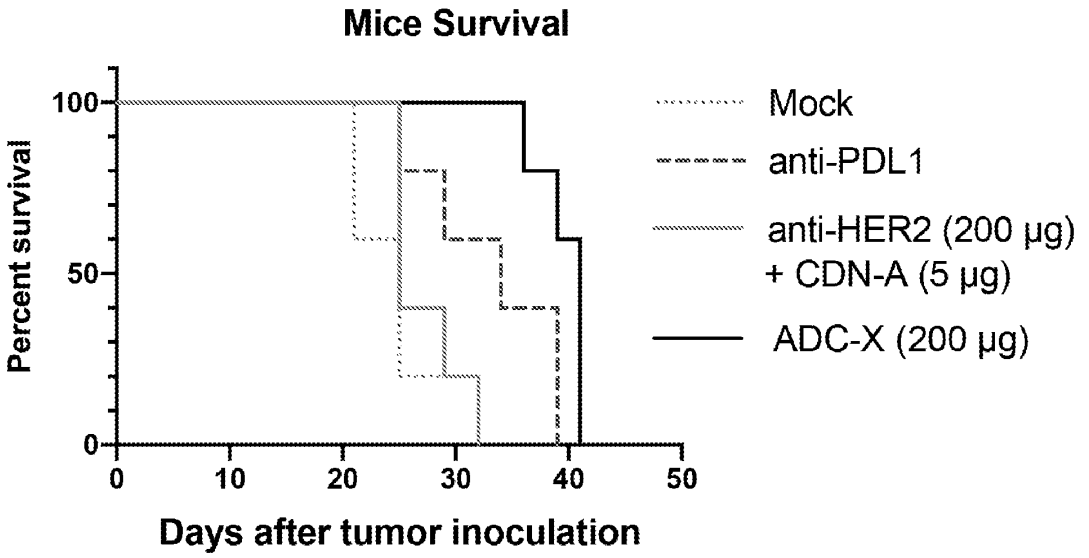


FIG. 10D

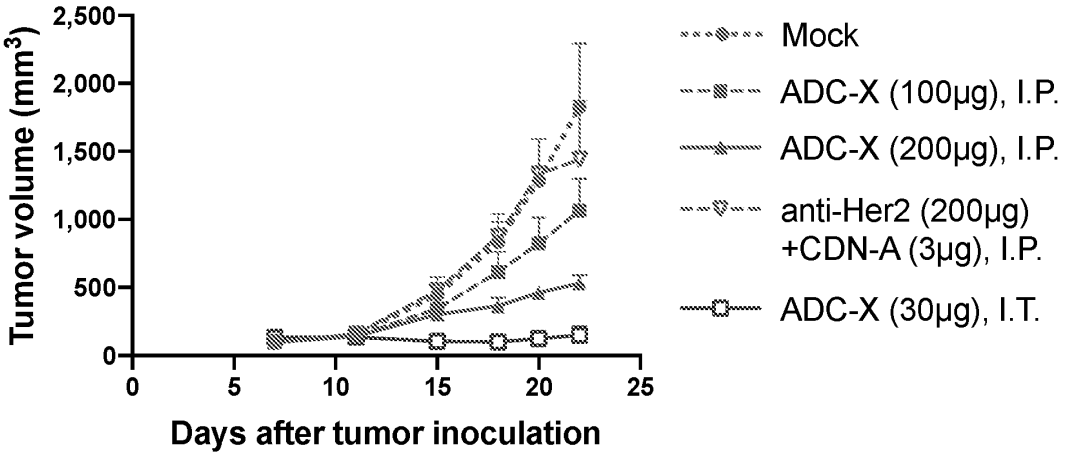

Tumor volume (mm3)
2,500
2,000
1,500
1,000
500
0
0
5
10
15
20
25
Days after tumor inoculation
Mock
ADC-X (100µg), I.P.
ADC-X (200µg), I.P.
anti-Her2 (200µg) +CDN-A (3µg), I.P.
ADC-X (30µg), I.T.

FIG. 10E