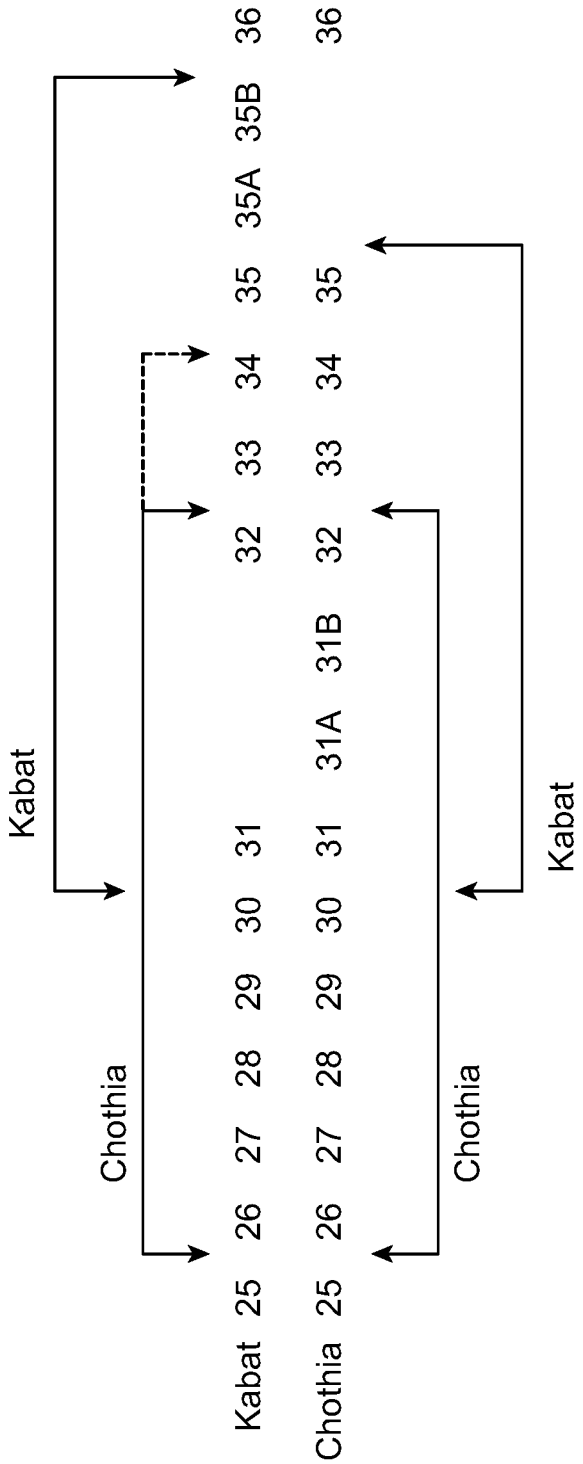

Kabat
Chothia
Chothia
Kabat
Kabat 25
Chothia 25
26
26
27
27
28
28
29
29
30
30
31
31
31A
31B
32
32
33
33
34
34
35
35
35A
35B
36
36

FIG. 1

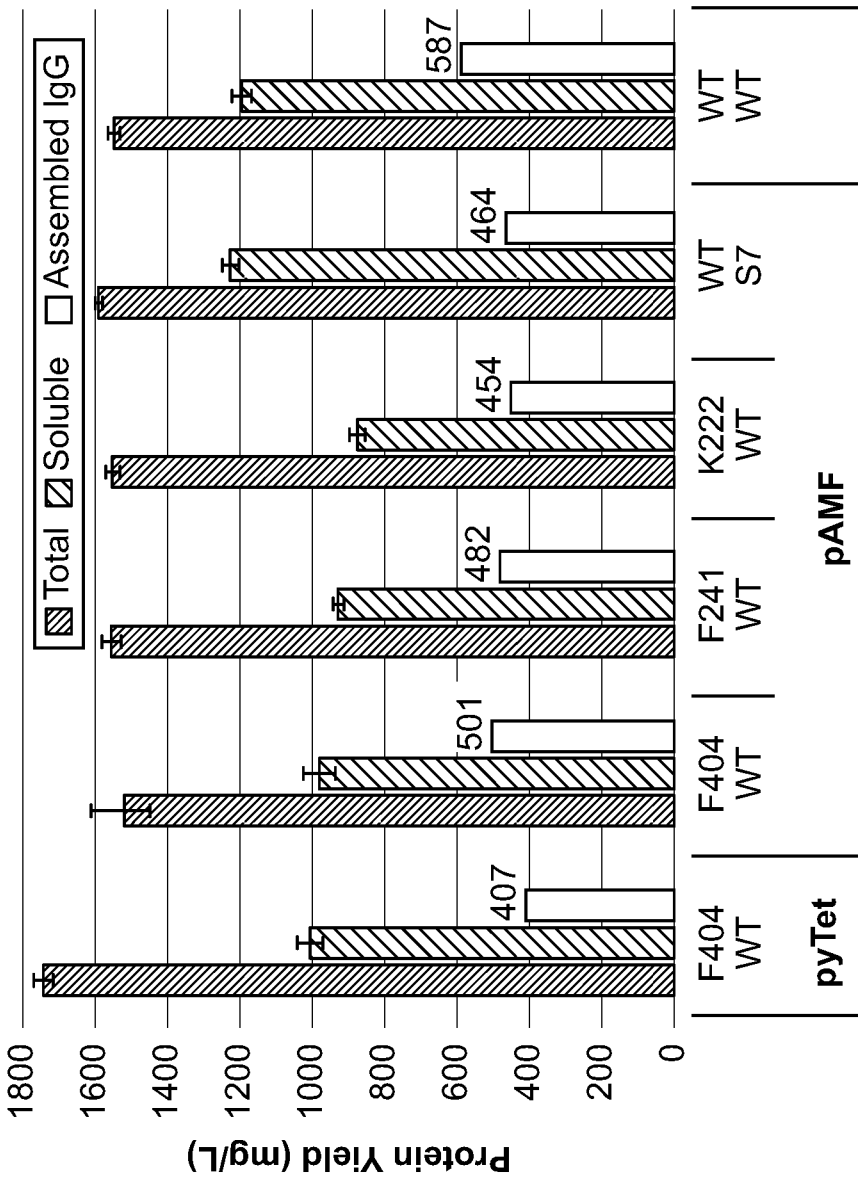
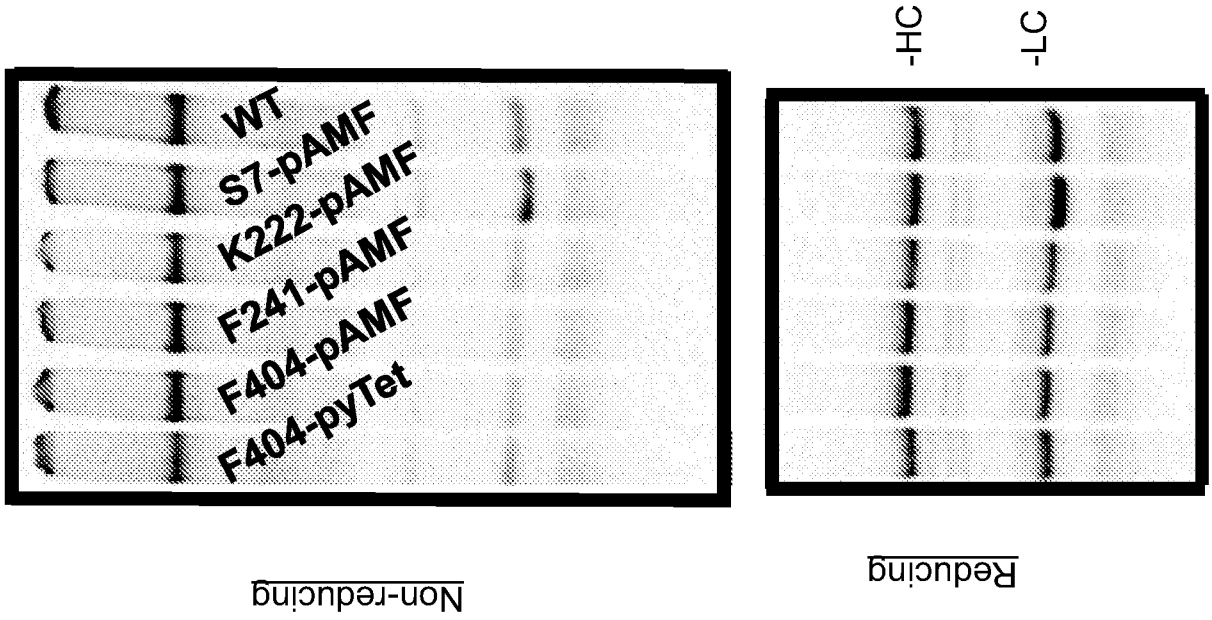

Protein Yield (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
Total
Soluble
Assembled IgG
407
501
482
454
464
587
F404 WT
F404 WT
F241 WT
K222 WT
WT S7
WT WT
pyTet
pAMF

FIG. 2A

FIG. 2B


WT
S7-pAMF
K222-pAMF
F241-pAMF
F404-pAMF
F404-pyTet
Non-reducing
-HC
-LC
Reducing

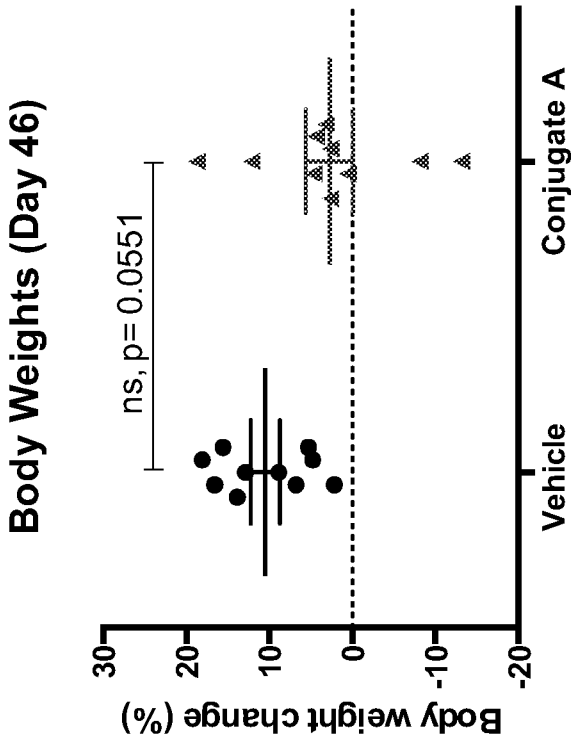

Body Weights (Day 46)
ns, p= 0.0551
Body weight change (%)
30
20
10
0
-10
-20
Vehicle
Conjugate A

FIG. 3B

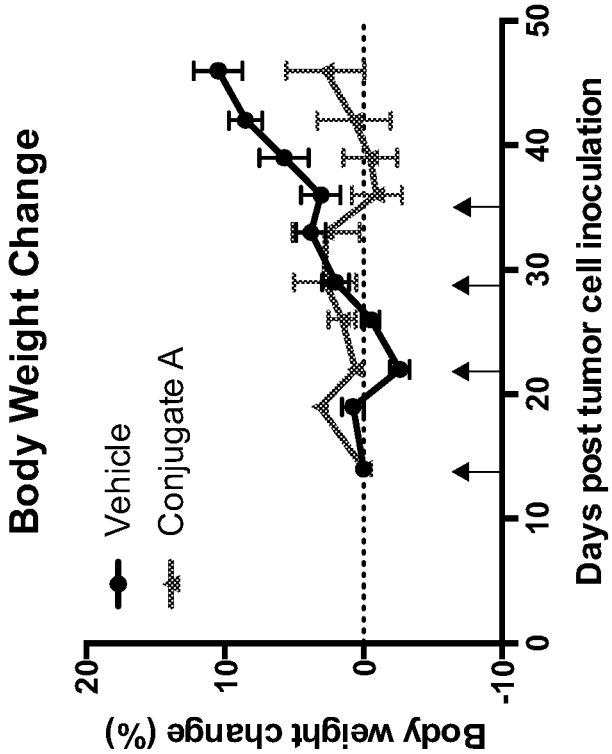

Body Weight Change
Vehicle
Conjugate A
Body weight change (%)
20
10
0
-10
0
10
20
30
40
50
Days post tumor cell inoculation

FIG. 3A

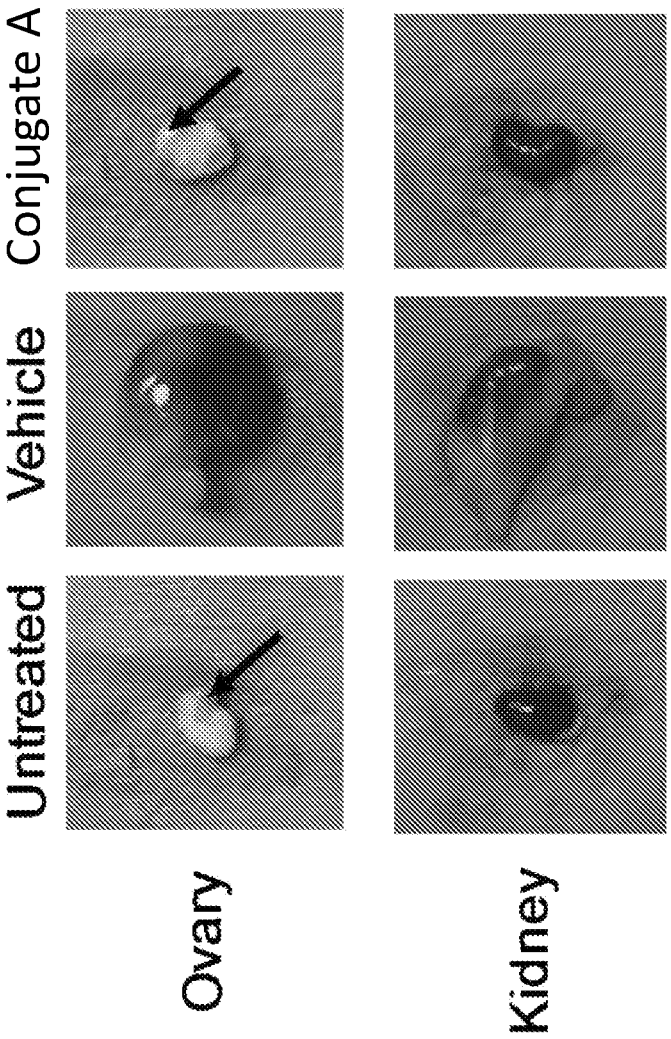


FIG. 4A

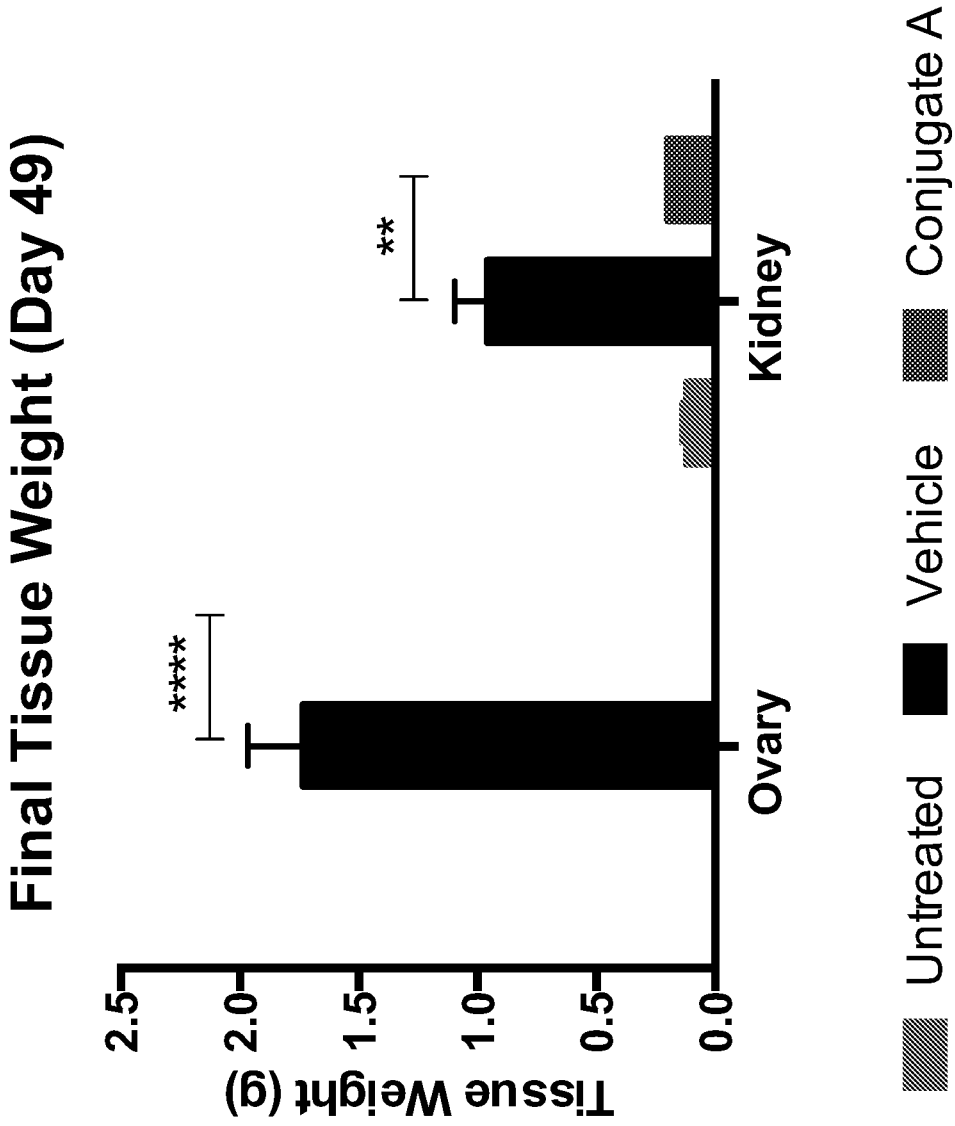

Final Tissue Weight (Day 49)
Tissue Weight (g)
2.5
2.0
1.5
1.0
0.5
0.0
****
**
Ovary
Kidney
Untreated
Vehicle
Conjugate A

FIG. 4B

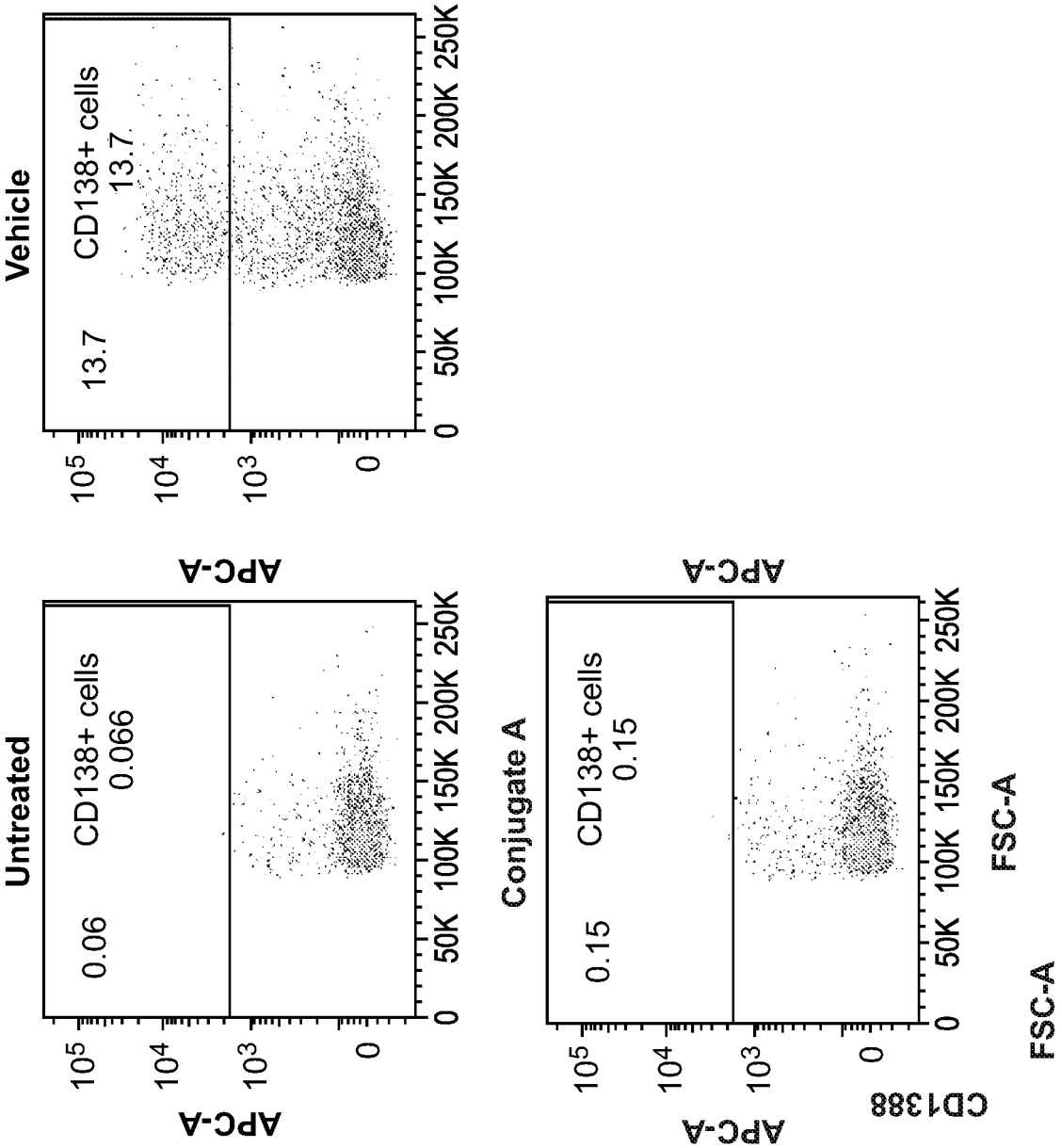

Vehicle
CD138+ cells
13.7
13.7
APC-A
Untreated
CD138+ cells
0.066
0.06
APC-A
Conjugate A
CD138+ cells
0.15
0.15
APC-A
CD138
FSC-A
FSC-A
0
50K
100K
150K
200K
250K
10^5
10^4
10^3
0

FIG. 5A

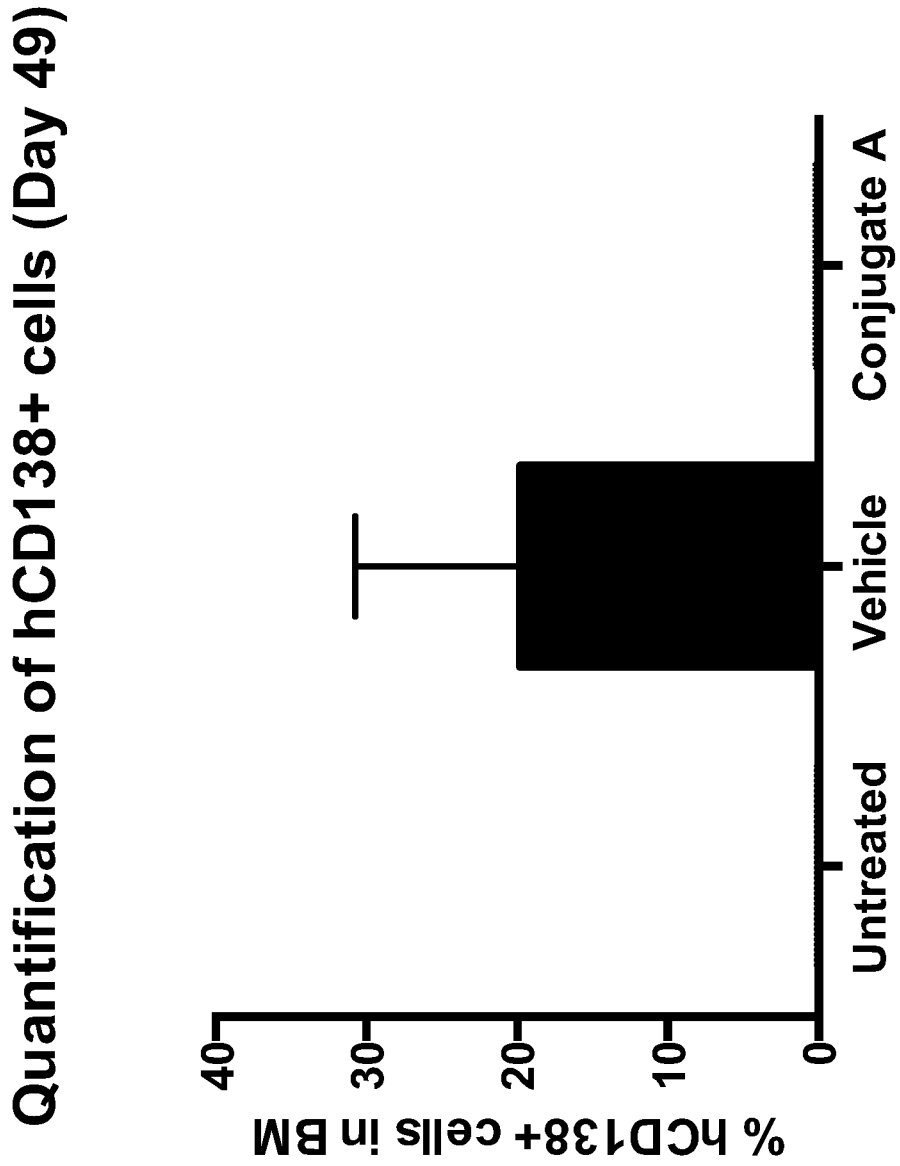

Quantification of hCD138+ cells (Day 49)
% hCD138+ cells in BM
0
10
20
30
40
Untreated
Vehicle
Conjugate A

FIG. 5B

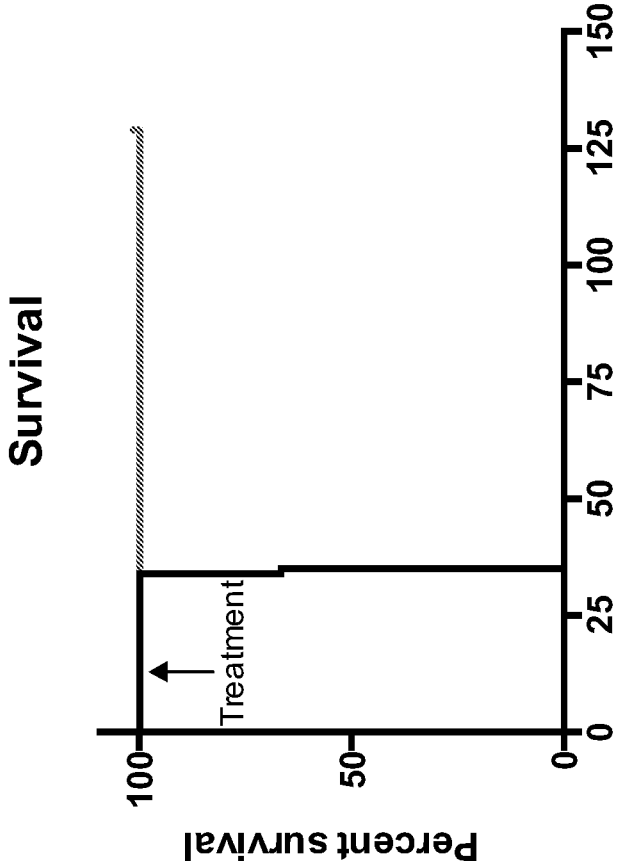

Survival
Percent survival
100
50
0
Treatment
0
25
50
75
100
125
150
Days post inoculation
Vehicle
3 mg/kg Conjugate A
10 mg/kg Conjugate A

FIG. 6B

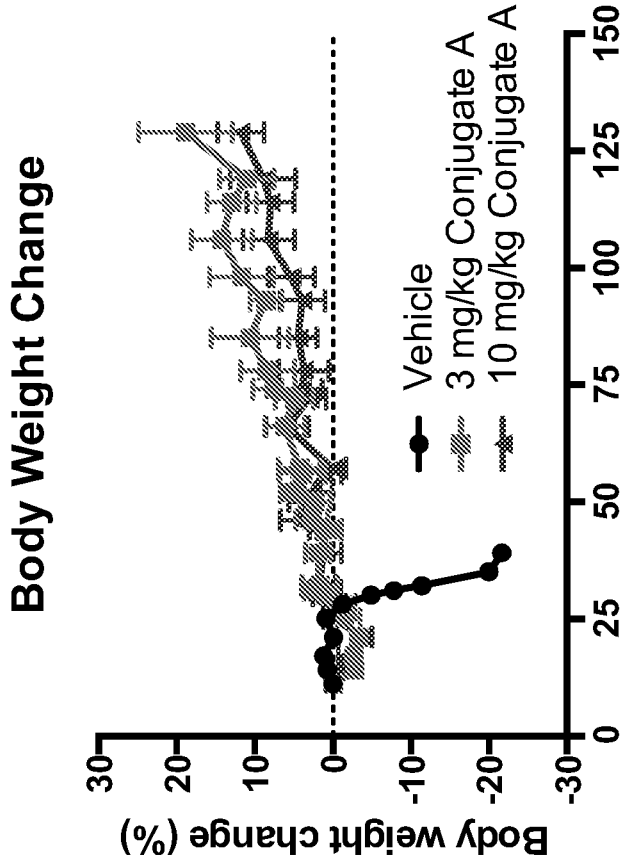

Body Weight Change
Body weight change (%)
30
20
10
0
-10
-20
-30
0
25
50
75
100
125
150
Days post inoculation
Vehicle
3 mg/kg Conjugate A
10 mg/kg Conjugate A

FIG. 6A

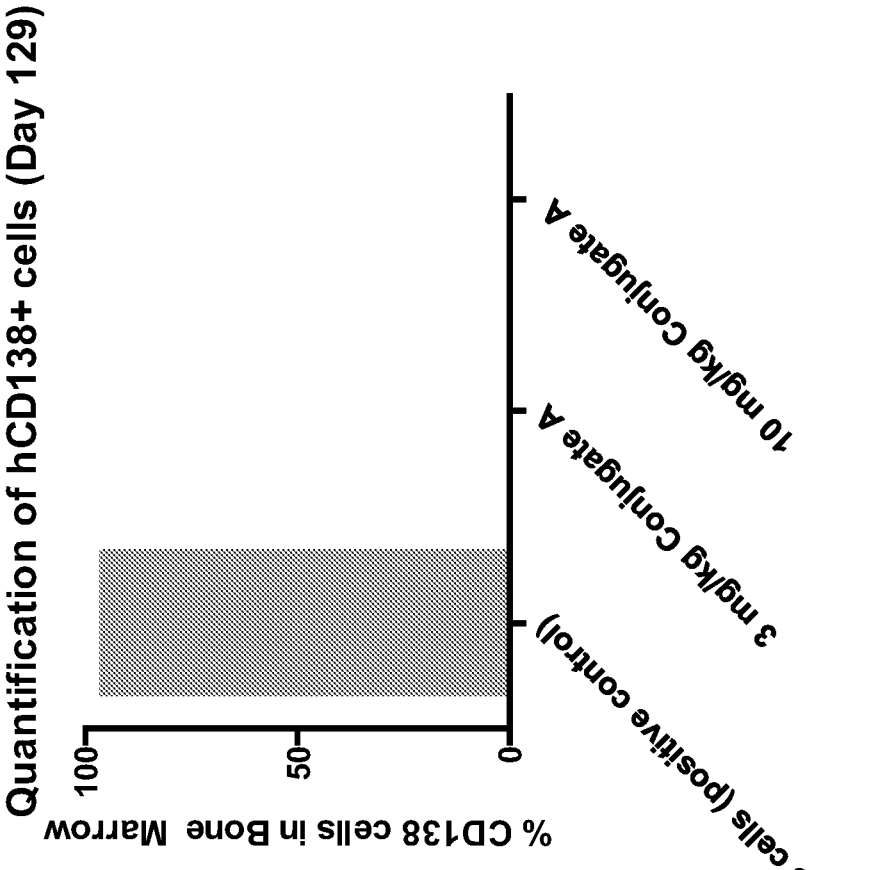

Quantification of hCD138+ cells (Day 129)
% CD138 cells in Bone Marrow
100
50
0
MM.1S cells (positive control)
3 mg/kg Conjugate A
10 mg/kg Conjugate A

FIG. 6D

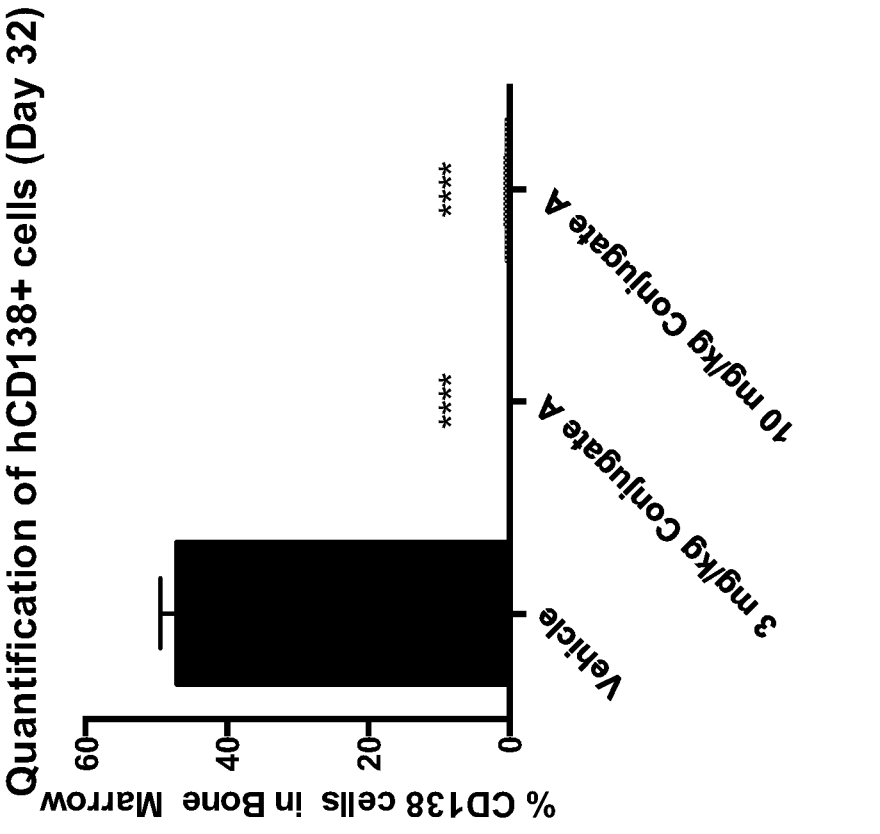

Quantification of hCD138+ cells (Day 32)
% CD138 cells in Bone Marrow
60
40
20
0
****
****
Vehicle
3 mg/kg Conjugate A
10 mg/kg Conjugate A

FIG. 6C

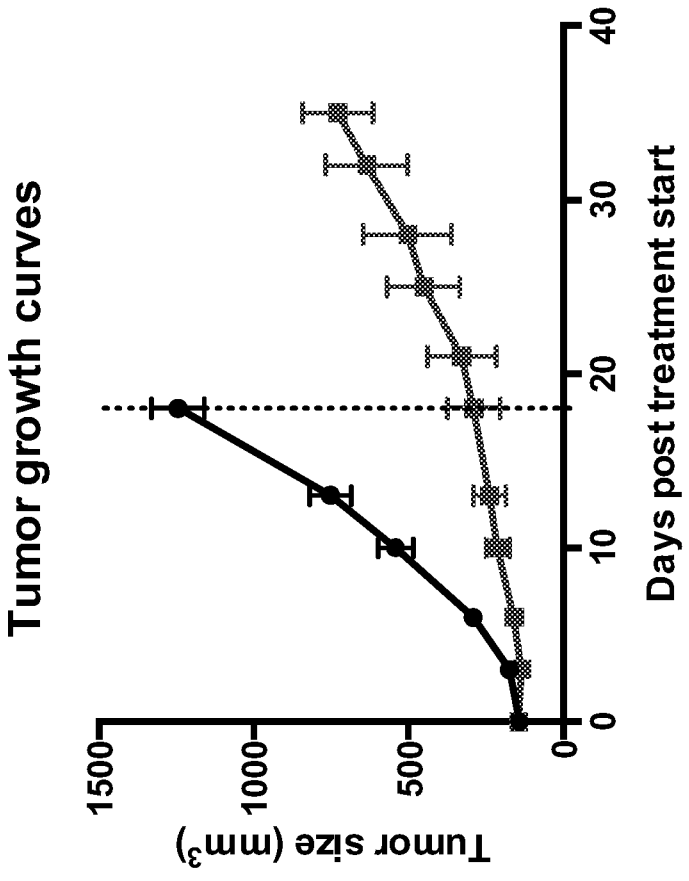

Tumor growth curves
Tumor size (mm3)
1500
1000
500
0
0
10
20
30
40
Days post treatment start
Vehicle
10 mg/kg Conjugate A

FIG. 7A

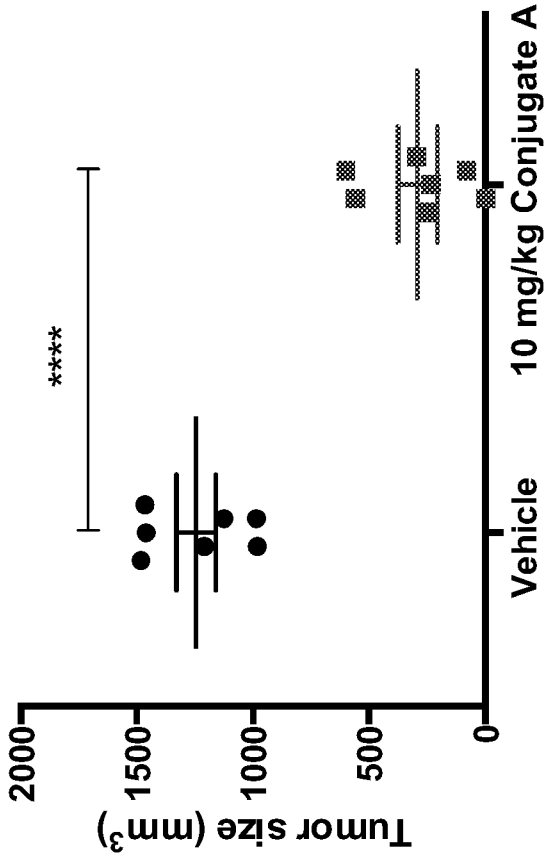

Tumor size (Day 18)
****
Tumor size (mm3)
2000
1500
1000
500
0
Vehicle
10 mg/kg Conjugate A

FIG. 7B

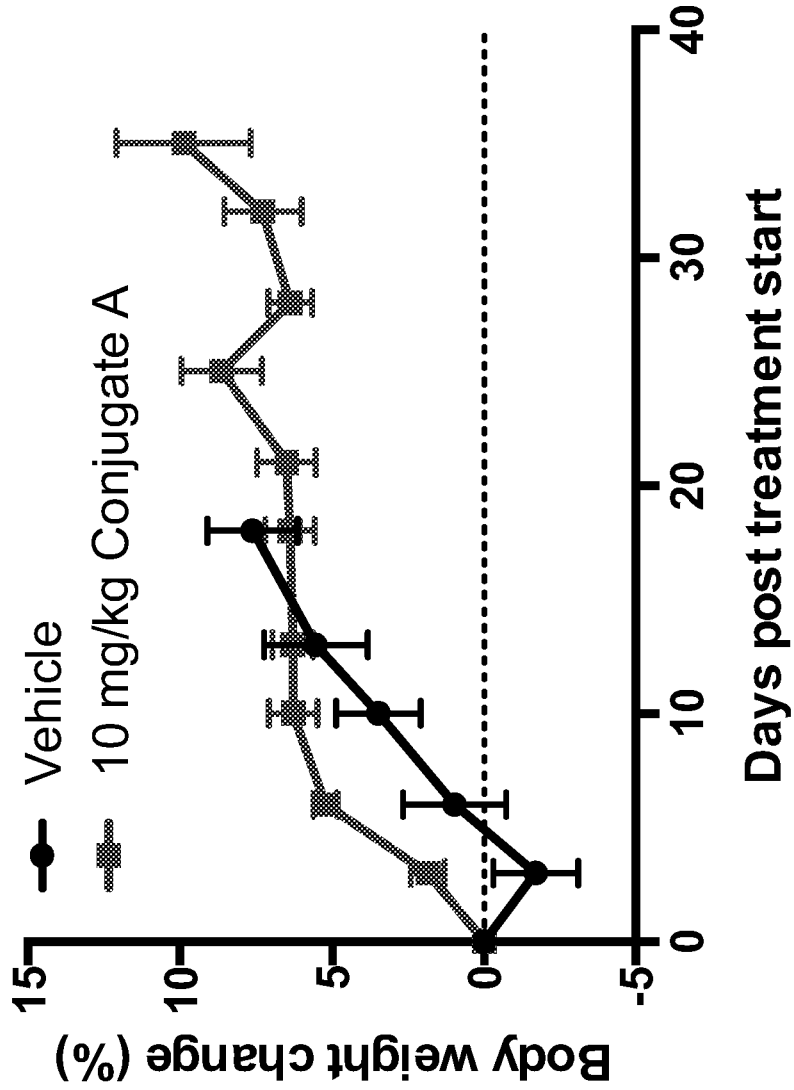

Vehicle
10 mg/kg Conjugate A
Body weight change (%)
15
10
5
0
-5
0
10
20
30
40
Days post treatment start

FIG. 8