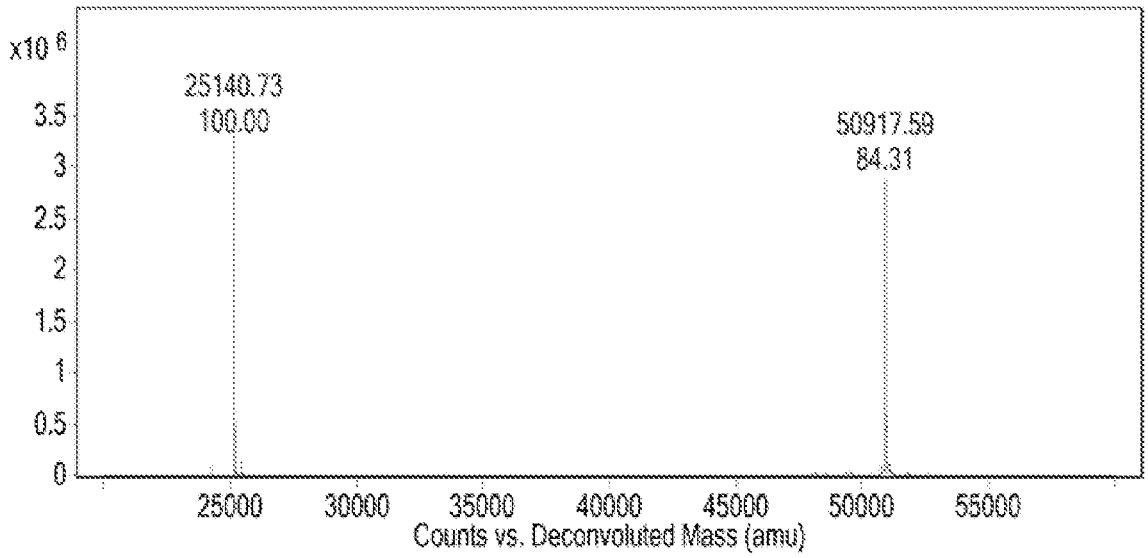

x10 6
3.5
3
2.5
2
1.5
1
0.5
0
25140.73
100.00
50917.59
84.31
25000
30000
35000
40000
45000
50000
55000
Counts vs. Deconvoluted Mass (amu)

FIG. 1A

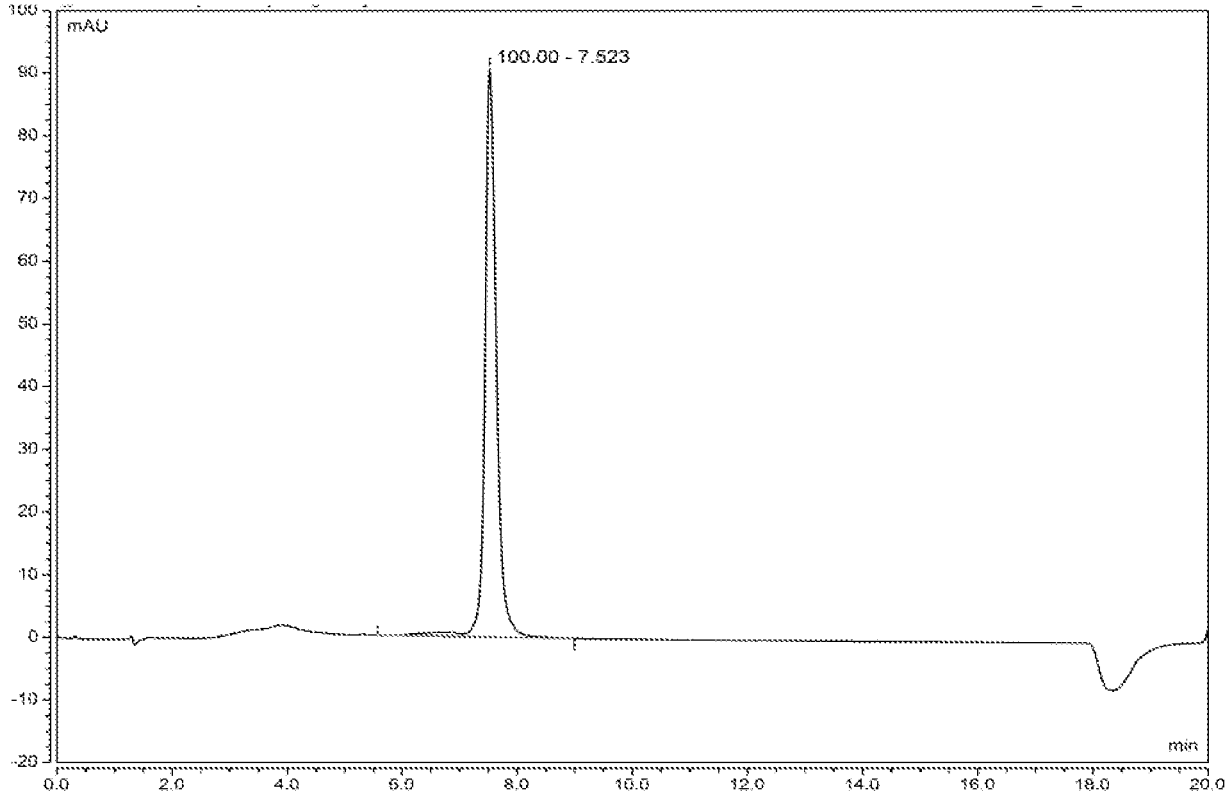

mAU
100.00 - 7.523
min
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0

FIG. 1B

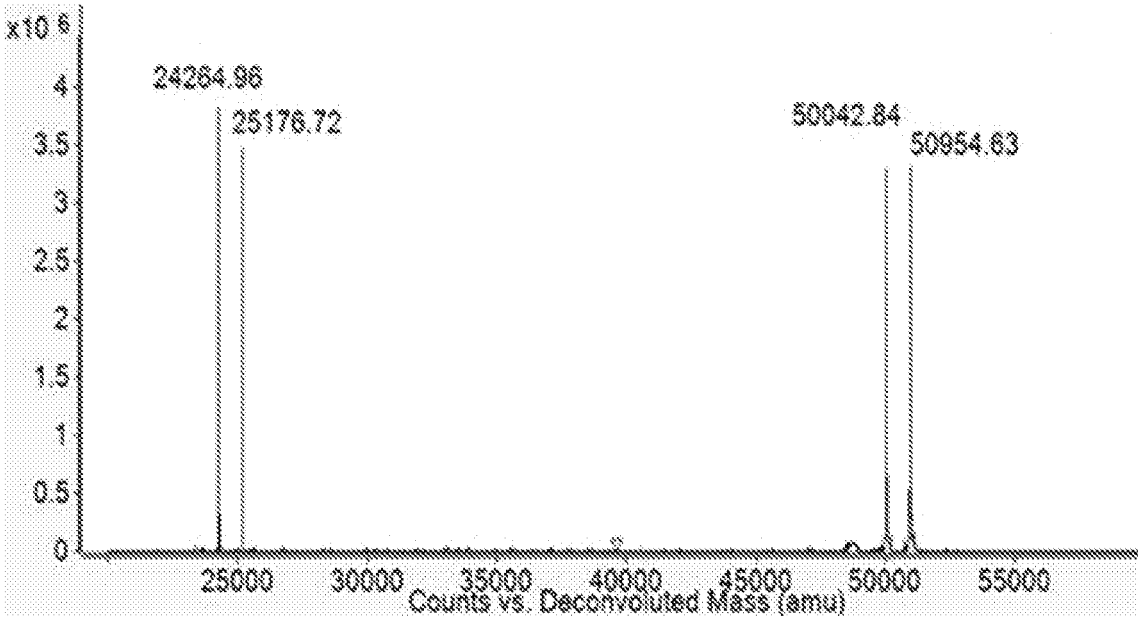

x10 6
4
3.5
3
2.5
2
1.5
1
0.5
0
24264.96
25176.72
50042.84
50954.63
25000
30000
35000
40000
45000
50000
55000
Counts vs. Deconvoluted Mass (amu)

FIG. 1C

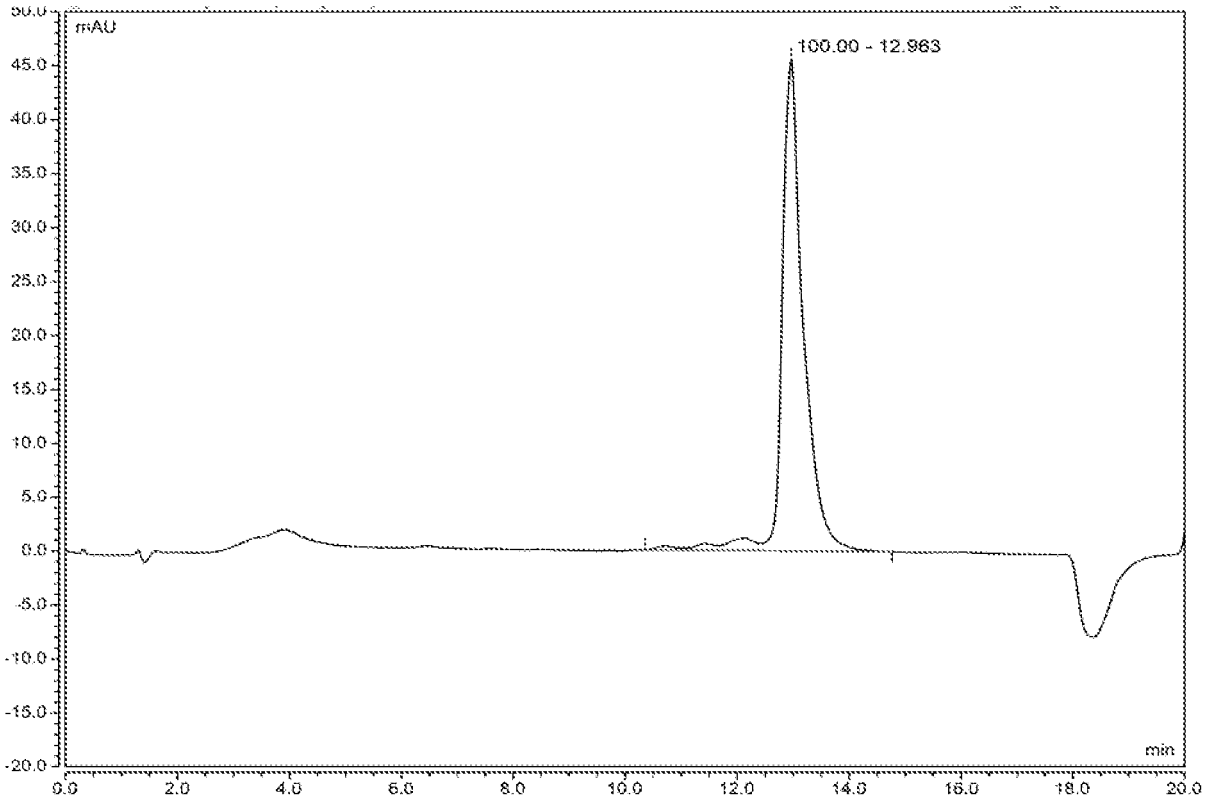

mAU
100.00 - 12.963
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
min
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0

FIG. 1D

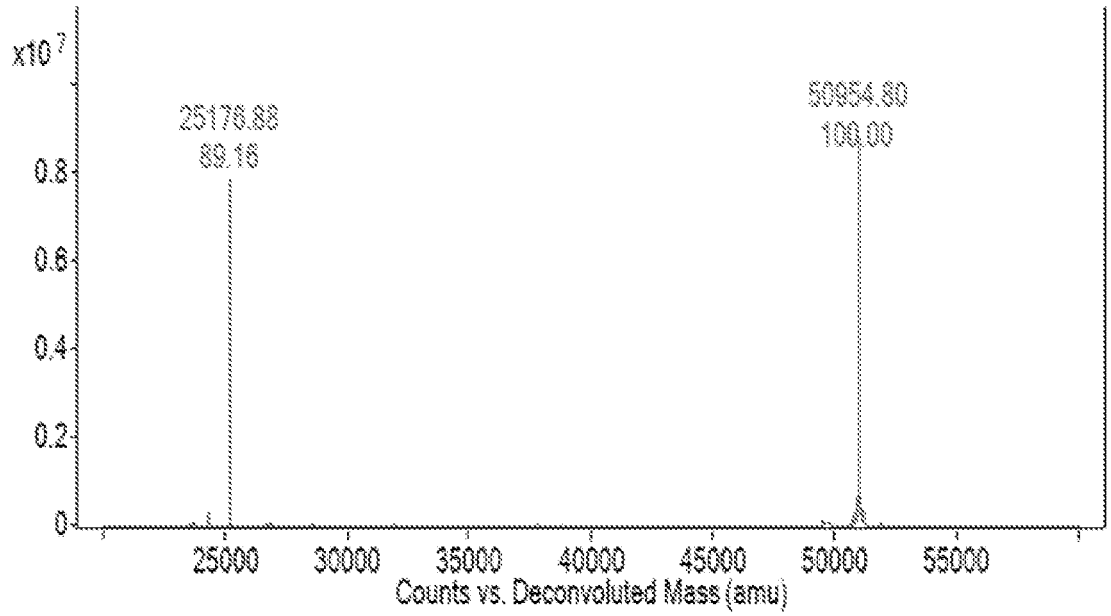

x10^7
25178.88
89.16
50954.80
100.00
0.8
0.6
0.4
0.2
0
25000
30000
35000
40000
45000
50000
55000
Counts vs. Deconvoluted Mass (amu)

FIG. 1E

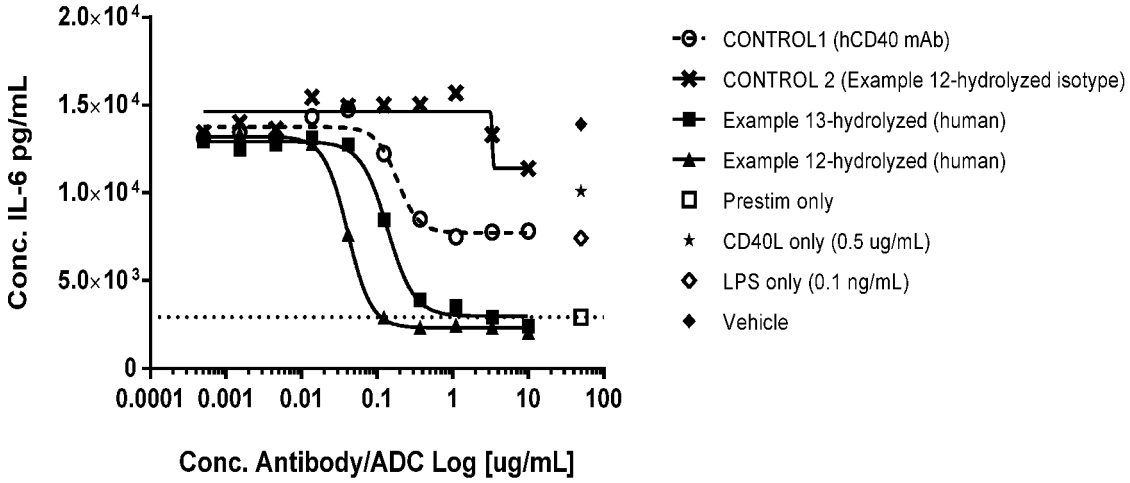

2.0×10^4
1.5×10^4
1.0×10^4
5.0×10^3
0
Conc. IL-6 pg/mL
0.0001
0.001
0.01
0.1
1
10
100
Conc. Antibody/ADC Log [ug/mL]
CONTROL1 (hCD40 mAb)
CONTROL 2 (Example 12-hydrolyzed isotype)
Example 13-hydrolyzed (human)
Example 12-hydrolyzed (human)
Prestim only
CD40L only (0.5 ug/mL)
LPS only (0.1 ng/mL)
Vehicle

FIG. 2

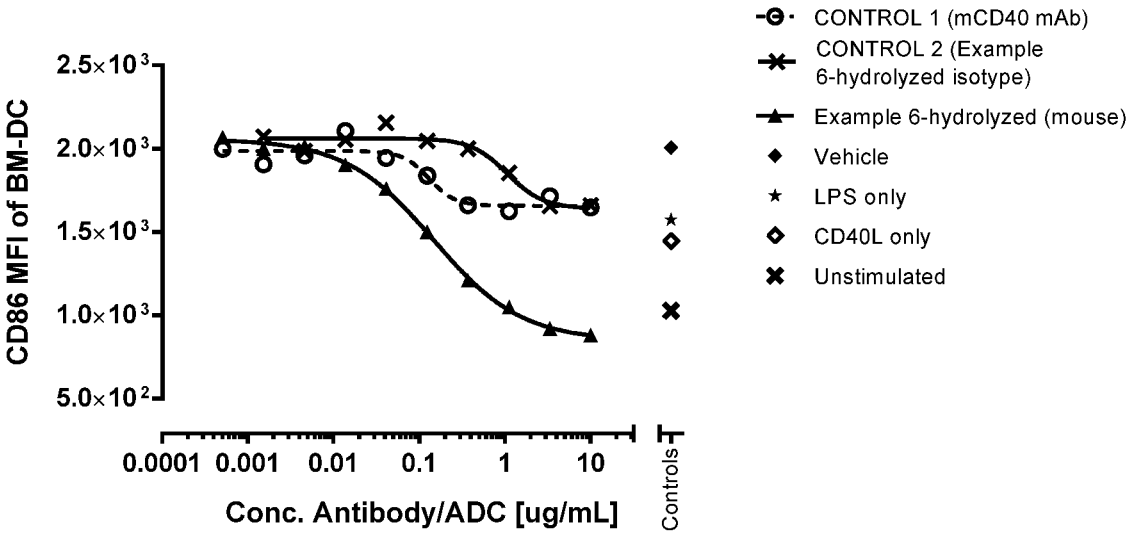

CD86 MFI of BM-DC
2.5×10³
2.0×10³
1.5×10³
1.0×10³
5.0×10²
0.0001 0.001 0.01 0.1 1 10
Controls
Conc. Antibody/ADC [ug/mL]
CONTROL 1 (mCD40 mAb)
CONTROL 2 (Example 6-hydrolyzed isotype)
Example 6-hydrolyzed (mouse)
Vehicle
LPS only
CD40L only
Unstimulated

FIG. 3

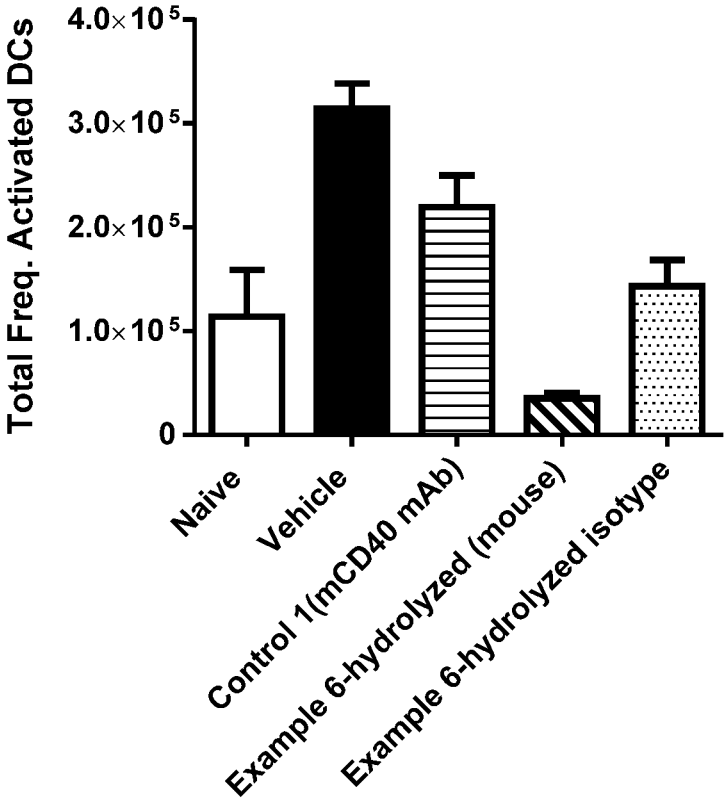

Total Freq. Activated DCs
4.0×10⁵
3.0×10⁵
2.0×10⁵
1.0×10⁵
0
Naive
Vehicle
Control 1(mCD40 mAb)
Example 6-hydrolyzed (mouse)
Example 6-hydrolyzed isotype

FIG. 4

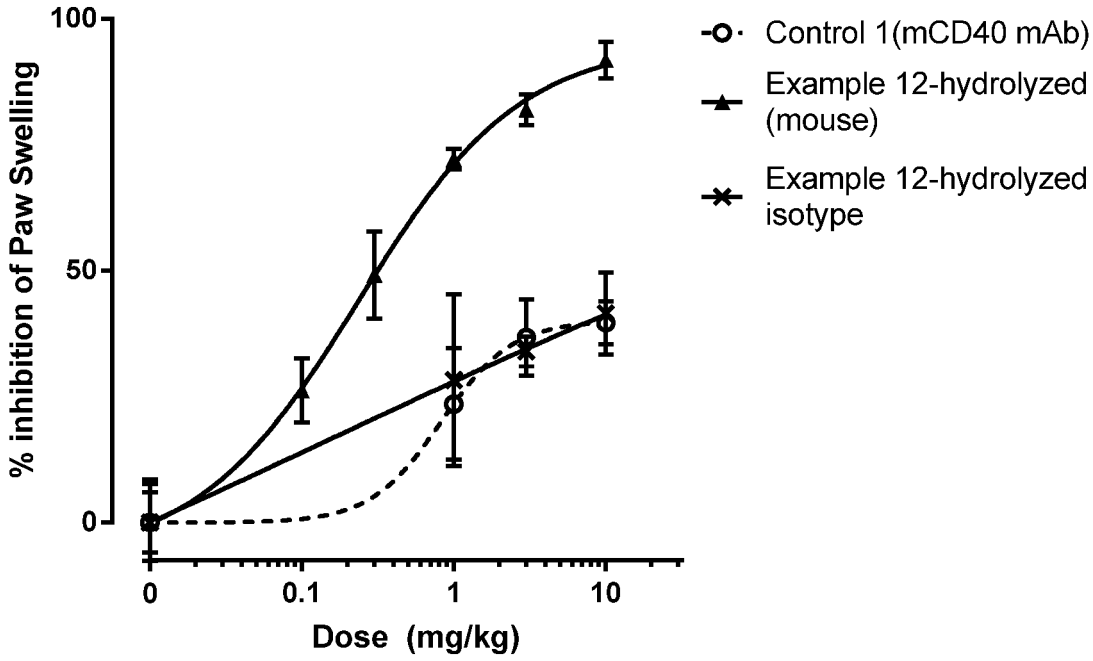

100
50
0
% inhibition of Paw Swelling
0
0.1
1
10
Dose (mg/kg)
Control 1(mCD40 mAb)
Example 12-hydrolyzed (mouse)
Example 12-hydrolyzed isotype

FIG. 5A

***p<0.01, ***p<0.001 vs Vehicle by 1 way AVOVA with Tukey post test*

^p<0.05, ^^p<0.01, ^^^p<0.001 Example 28 Conjugated CD40 ADC vs Isotype ADC by 1 way AVOVA with Tukey post test

+++p<0.001 Example 28 Conjugated CD40 ADC vs Parent mAb by 1 way AVOVA with Tukey post test

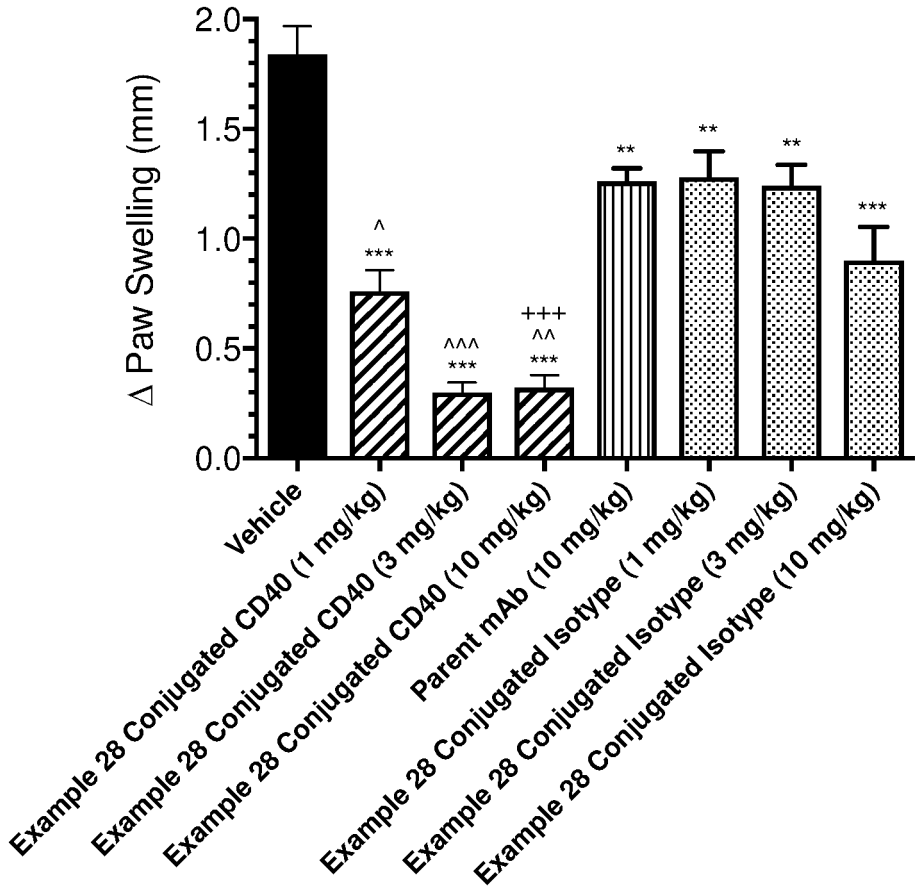


FIG. 5B

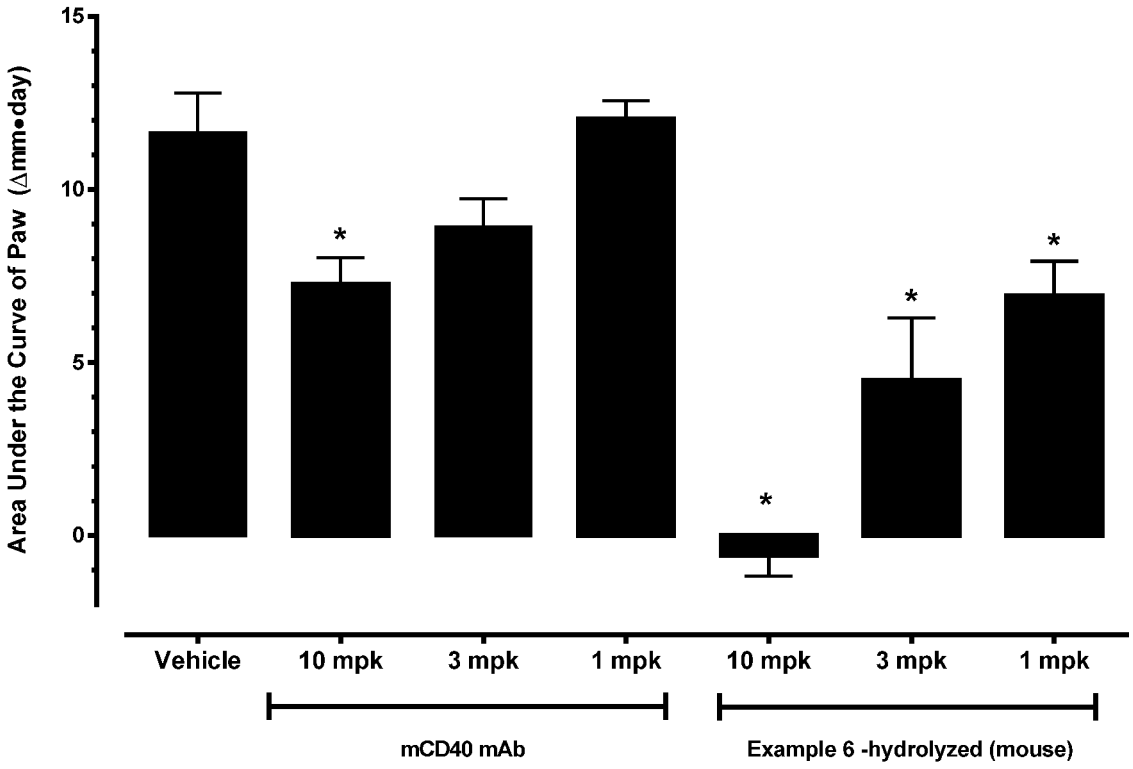

15
10
5
0
Area Under the Curve of Paw (Δmm•day)
*
*
*
*
Vehicle
10 mpk
3 mpk
1 mpk
10 mpk
3 mpk
1 mpk
mCD40 mAb
Example 6 -hydrolyzed (mouse)

FIG. 6