Figure 1

Class I (1:2) Class II (2:2) Class III (1:1)

Figure 2

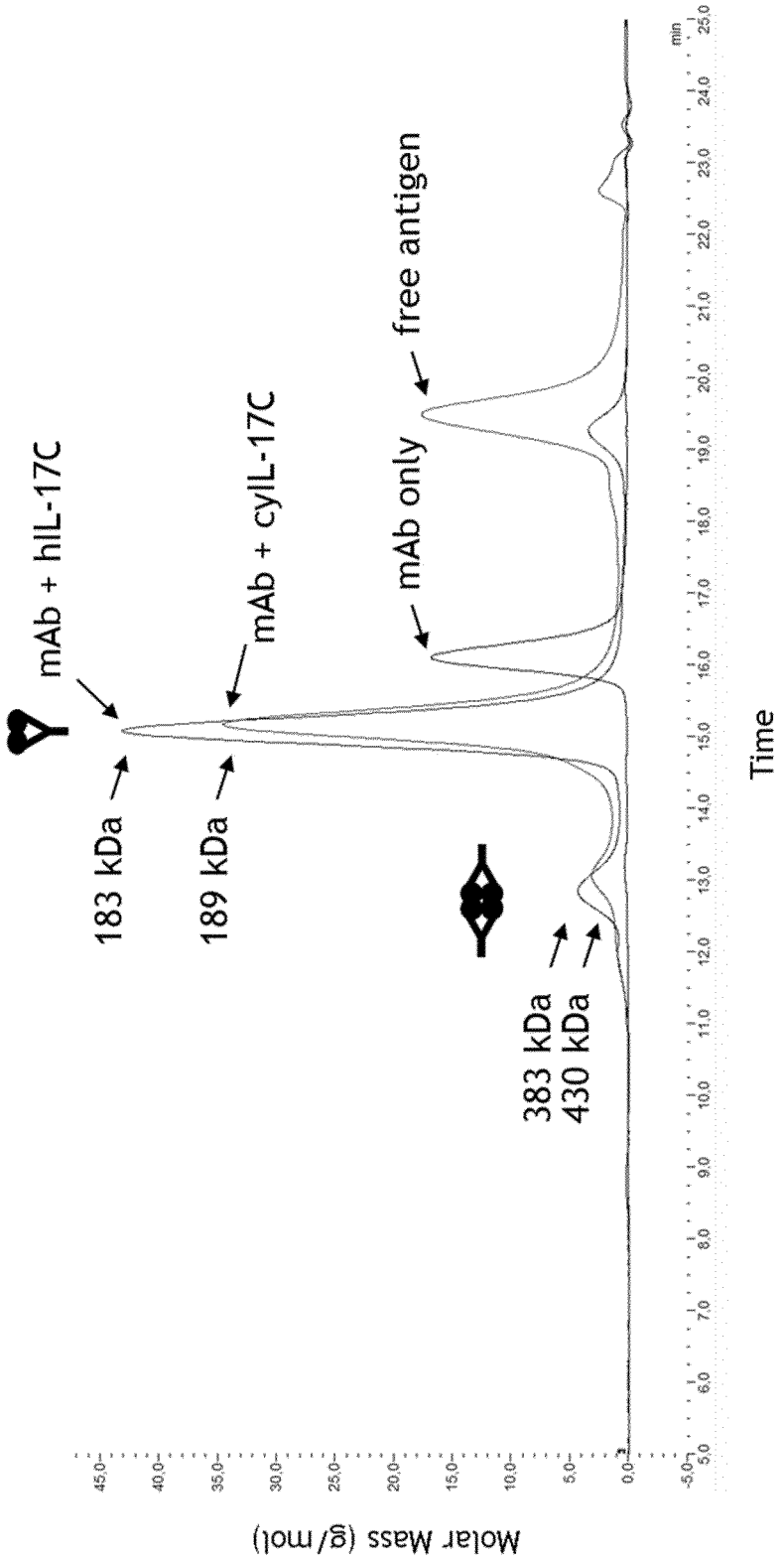

mAb + hIL-17C
mAb + cyIL-17C
mAb only
free antigen
183 kDa
189 kDa
383 kDa
430 kDa
Time
Molar Mass (g/mol)
min

Figure 3

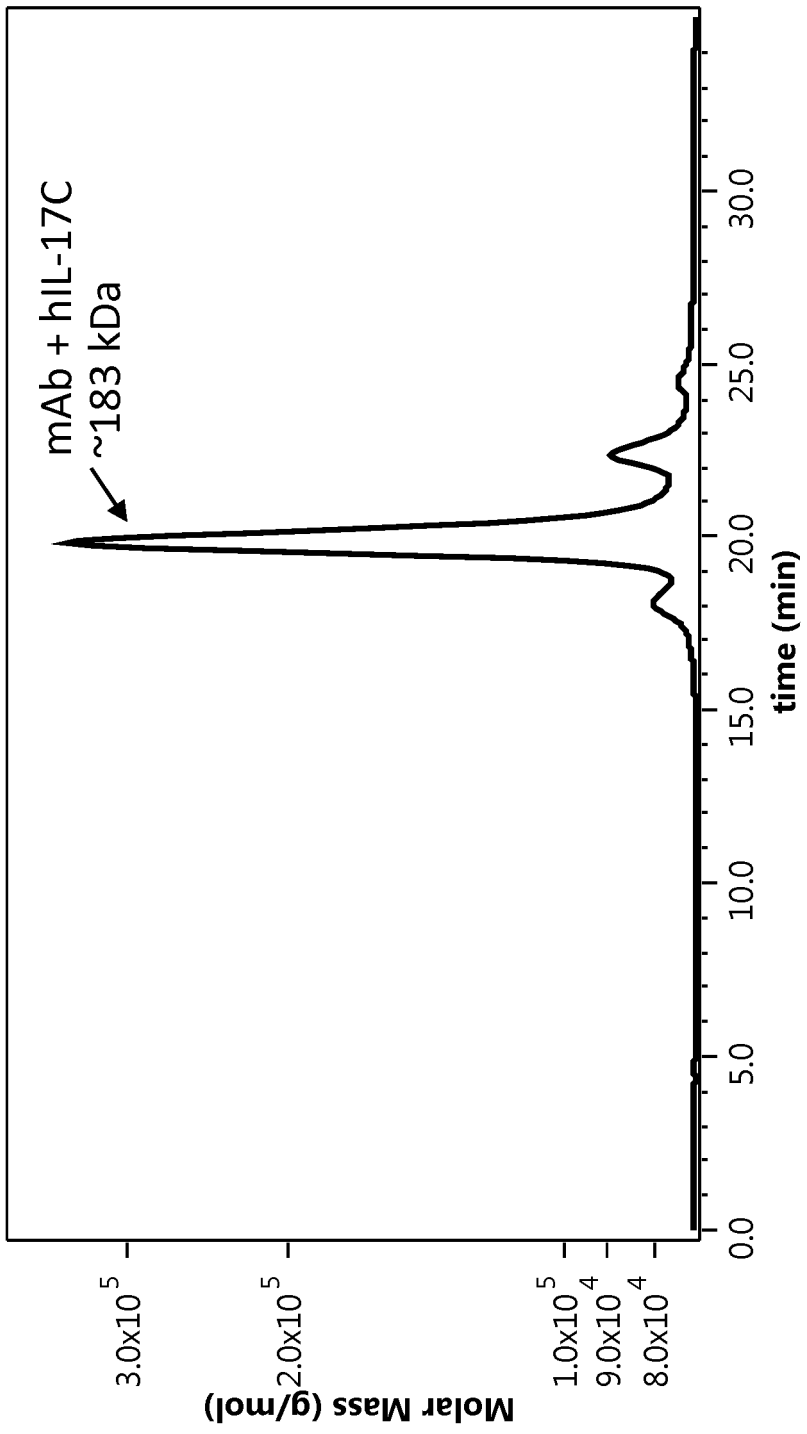

mAb + hIL-17C
~183 kDa
Molar Mass (g/mol)
3.0x10^5
2.0x10^5
1.0x10^5
9.0x10^4
8.0x10^4
0.0
5.0
10.0
15.0
20.0
25.0
30.0
time (min)

Figure 4

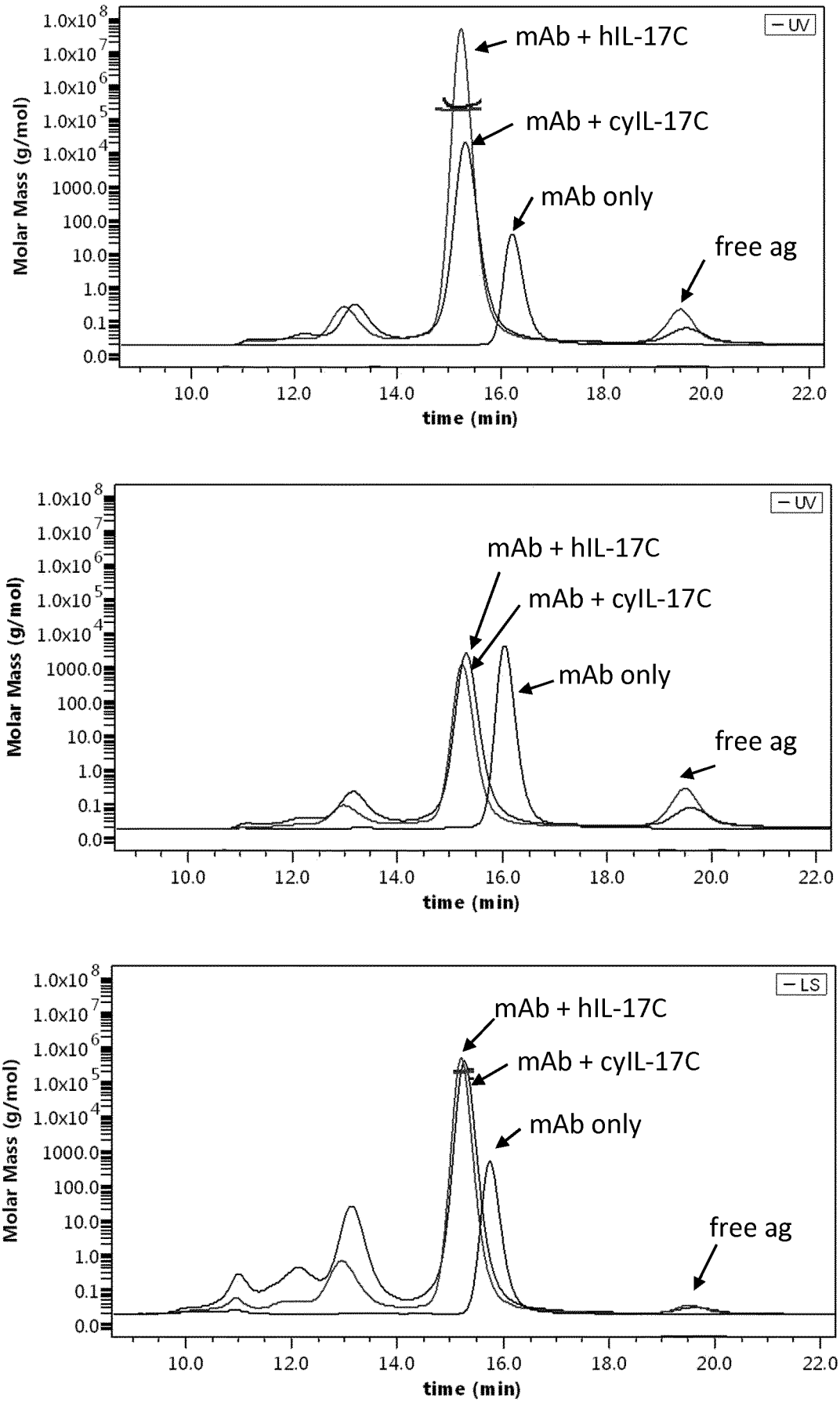

Molar Mass (g/mol)
1.0x10^8
1.0x10^7
1.0x10^6
1.0x10^5
1.0x10^4
1000.0
100.0
10.0
1.0
0.1
0.0
10.0
12.0
14.0
16.0
18.0
20.0
22.0
time (min)
UV
mAb + hIL-17C
mAb + cyIL-17C
mAb only
free ag
UV
mAb + hIL-17C
mAb + cyIL-17C
mAb only
free ag
LS
mAb + hIL-17C
mAb + cyIL-17C
mAb only
free ag

Figure 5

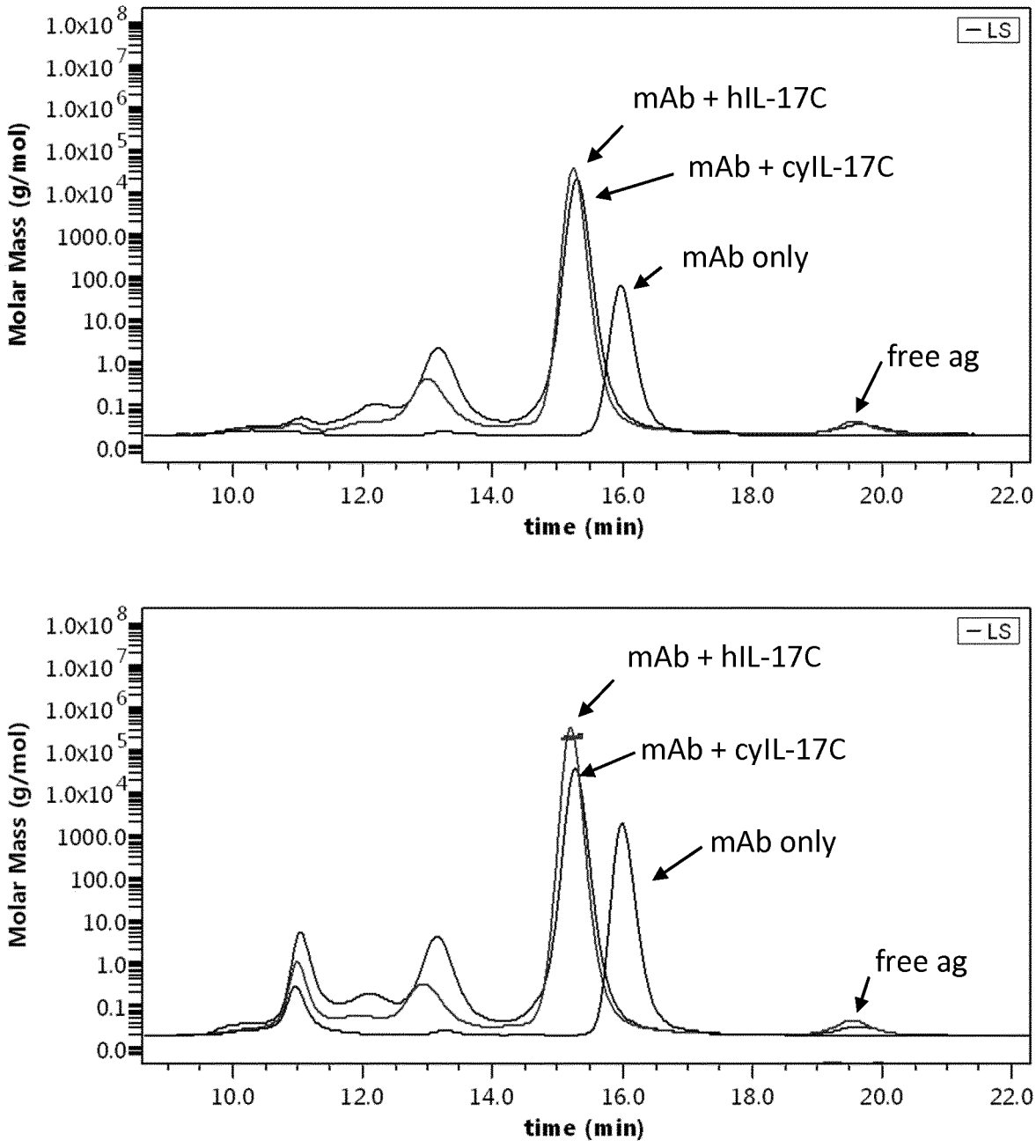

LS
mAb + hIL-17C
mAb + cyIL-17C
mAb only
free ag
Molar Mass (g/mol)
time (min)
1.0x10^8
1.0x10^7
1.0x10^6
1.0x10^5
1.0x10^4
1000.0
100.0
10.0
1.0
0.1
0.0
10.0
12.0
14.0
16.0
18.0
20.0
22.0

Figure 6

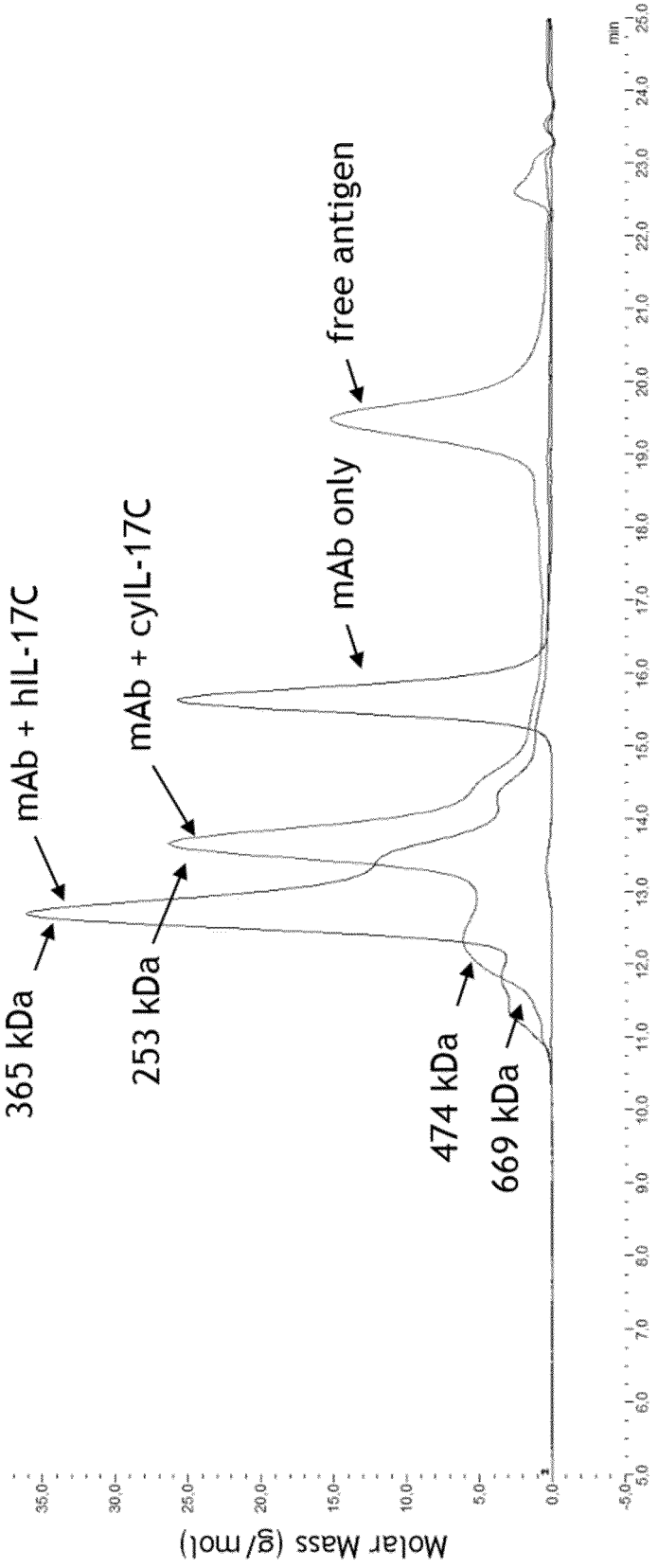

365 kDa
mAb + hIL-17C
253 kDa
mAb + cylL-17C
474 kDa
mAb only
669 kDa
free antigen
Molar Mass (g/mol)
Time
min

Figure 7

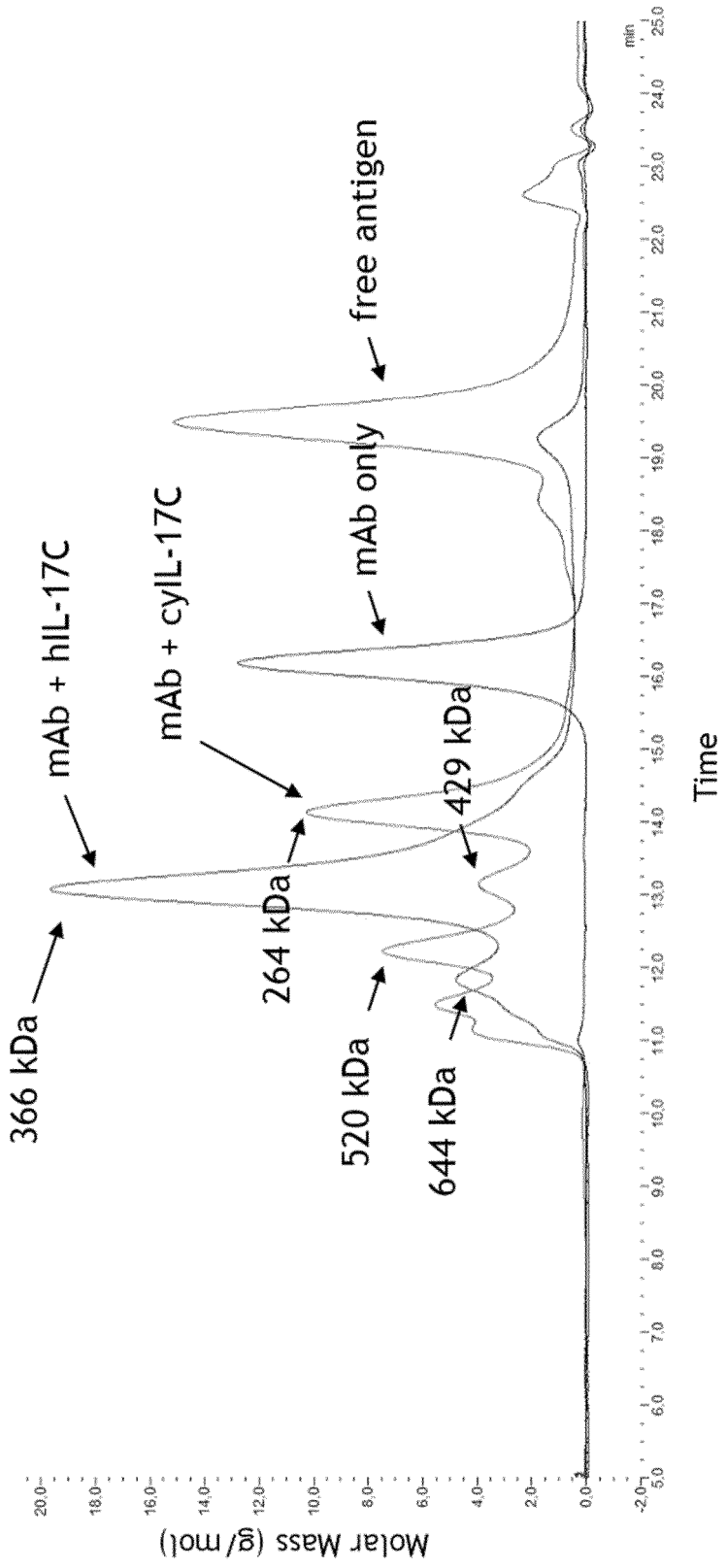

Molar Mass (g/mol)
Time
min
366 kDa
mAb + hIL-17C
264 kDa
mAb + cylL-17C
520 kDa
644 kDa
429 kDa
mAb only
free antigen

Figure 8A

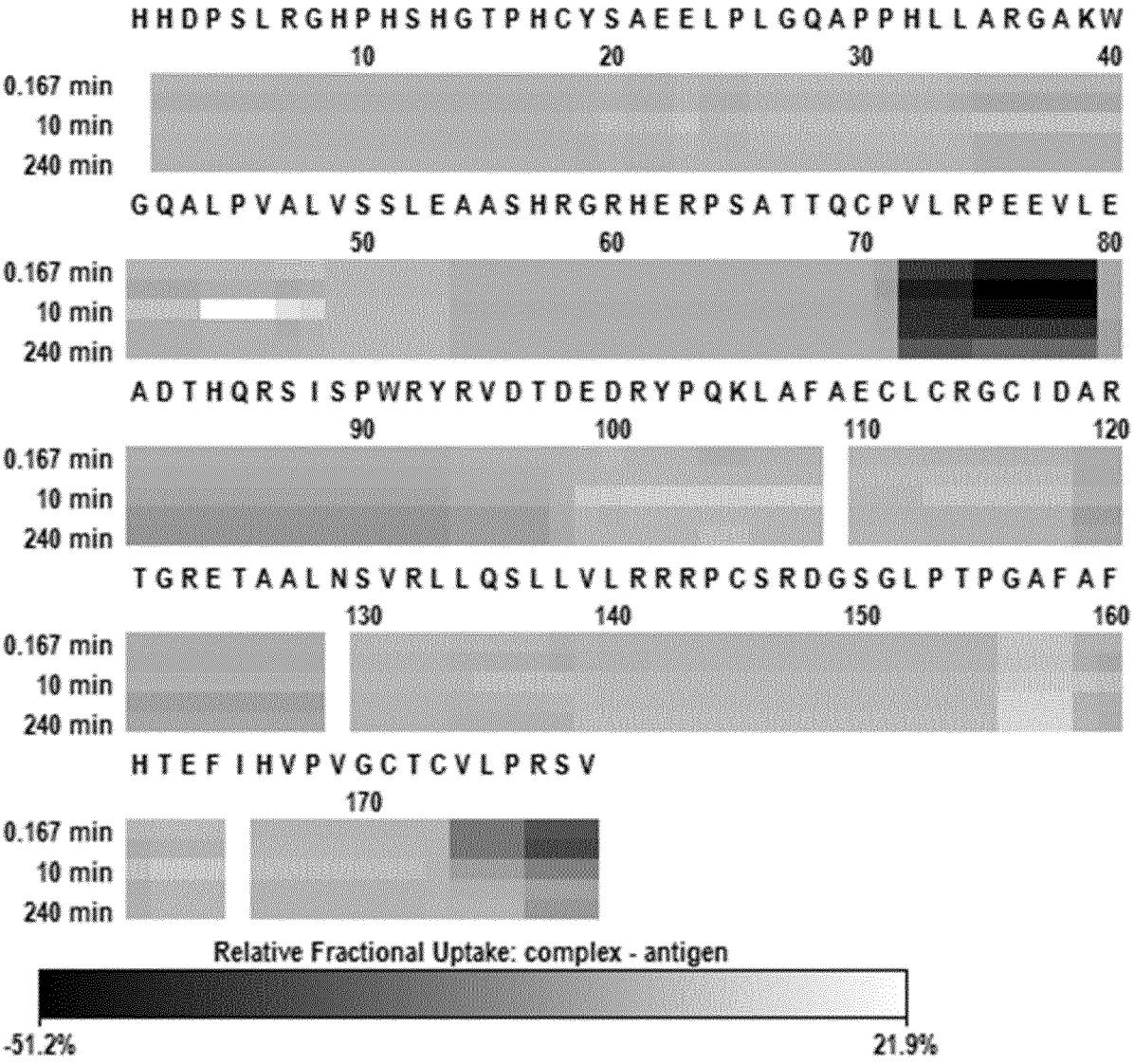
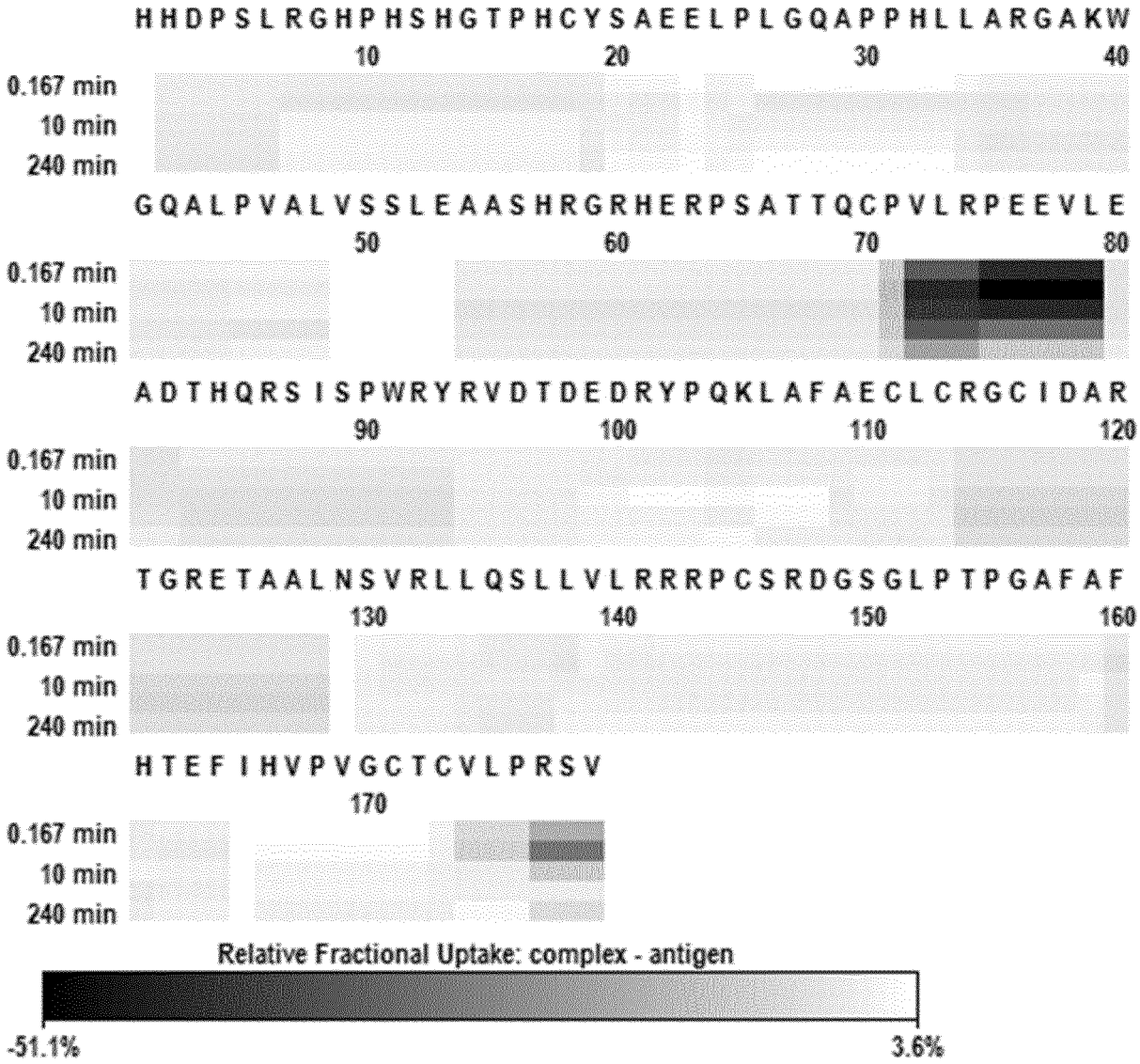

H H D P S L R G H P H S H G T P H C Y S A E E L P L G Q A P P H L L A R G A K W
10
20
30
40
0.167 min
10 min
240 min
G Q A L P V A L V S S L E A A S H R G R H E R P S A T T Q C P V L R P E E V L E
50
60
70
80
0.167 min
10 min
240 min
A D T H Q R S I S P W R Y R V D T D E D R Y P Q K L A F A E C L C R G C I D A R
90
100
110
120
0.167 min
10 min
240 min
T G R E T A A L N S V R L L Q S L L V L R R R P C S R D G S G L P T P G A F A F
130
140
150
160
0.167 min
10 min
240 min
H T E F I H V P V G C T C V L P R S V
170
0.167 min
10 min
240 min
Relative Fractional Uptake: complex - antigen
-51.2%
21.9%

Figure 8B


HHDPSLRGHPHSHGTPHCYSAEELPLGQAPPHLLARGAKW
10
20
30
40
0.167 min
10 min
240 min
GQALPVALVSSLEAASHRGRHERPSATTQCPVLRPEEVLE
50
60
70
80
0.167 min
10 min
240 min
ADTHQRSISPWRYRVDTDEDRYPQKLAFAECLCRGCIDAR
90
100
110
120
0.167 min
10 min
240 min
TGRETAALNSVRLLQSLLVLRRRPCSRDGSGLPTPGAFAF
130
140
150
160
0.167 min
10 min
240 min
HTEFIHVPVGCTCVLPRSV
170
0.167 min
10 min
240 min
Relative Fractional Uptake: complex - antigen
-51.1%
3.6%