FIG. 1

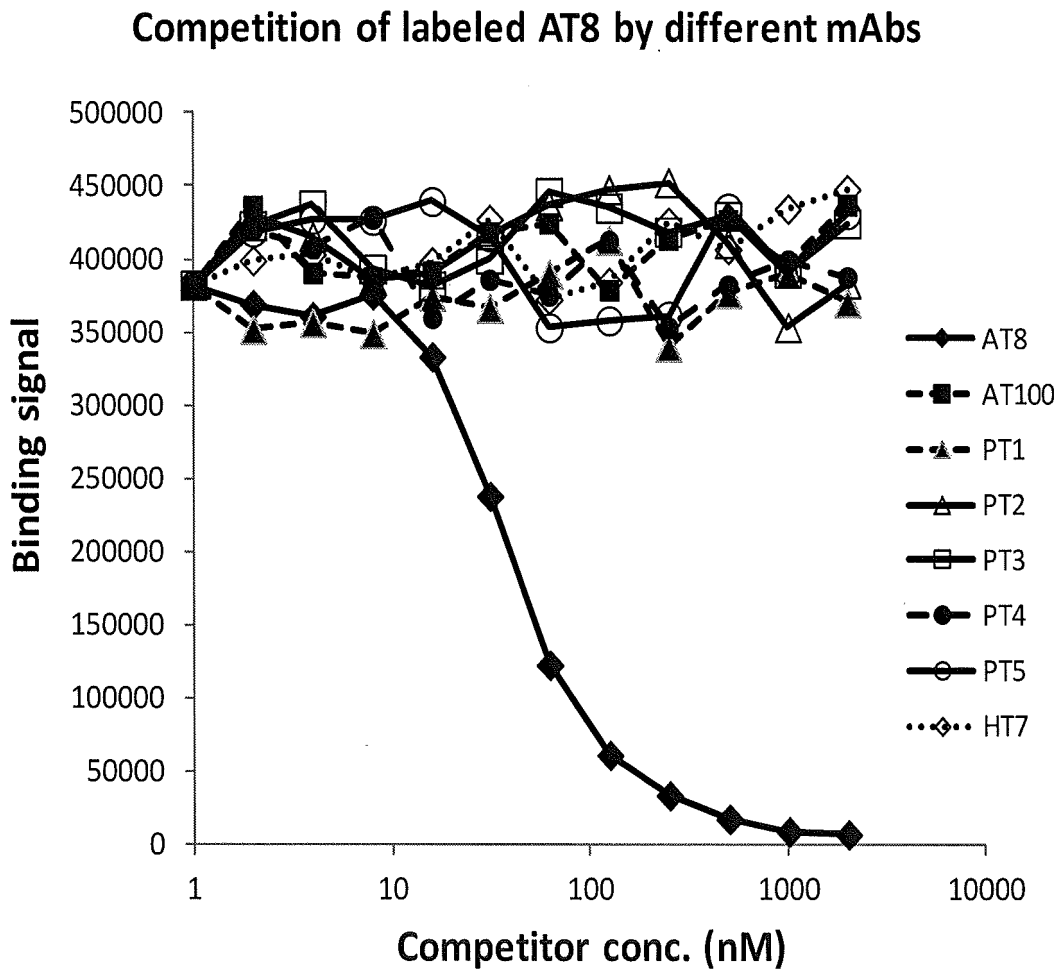

Competition of labeled AT8 by different mAbs
Binding signal
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
1
10
100
1000
10000
Competitor conc. (nM)
AT8
AT100
PT1
PT2
PT3
PT4
PT5
HT7

FIG. 2A

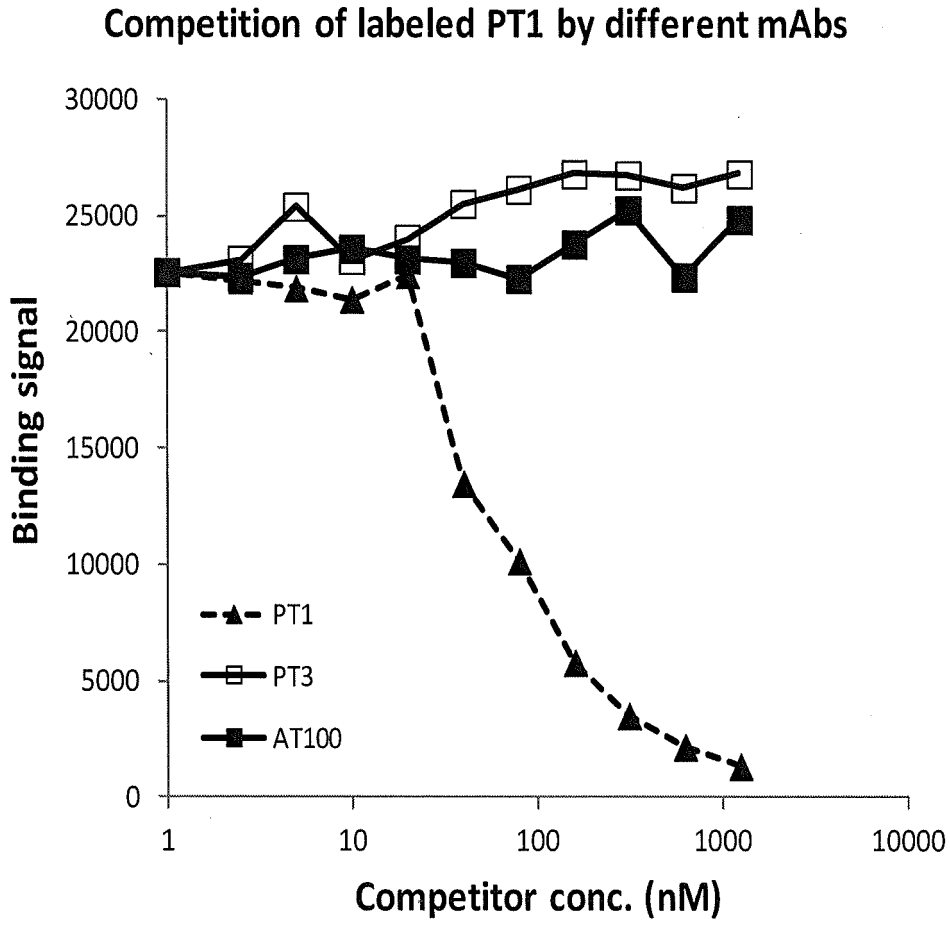

Competition of labeled PT1 by different mAbs
Binding signal
30000
25000
20000
15000
10000
5000
0
PT1
PT3
AT100
1
10
100
1000
10000
Competitor conc. (nM)

FIG. 2B

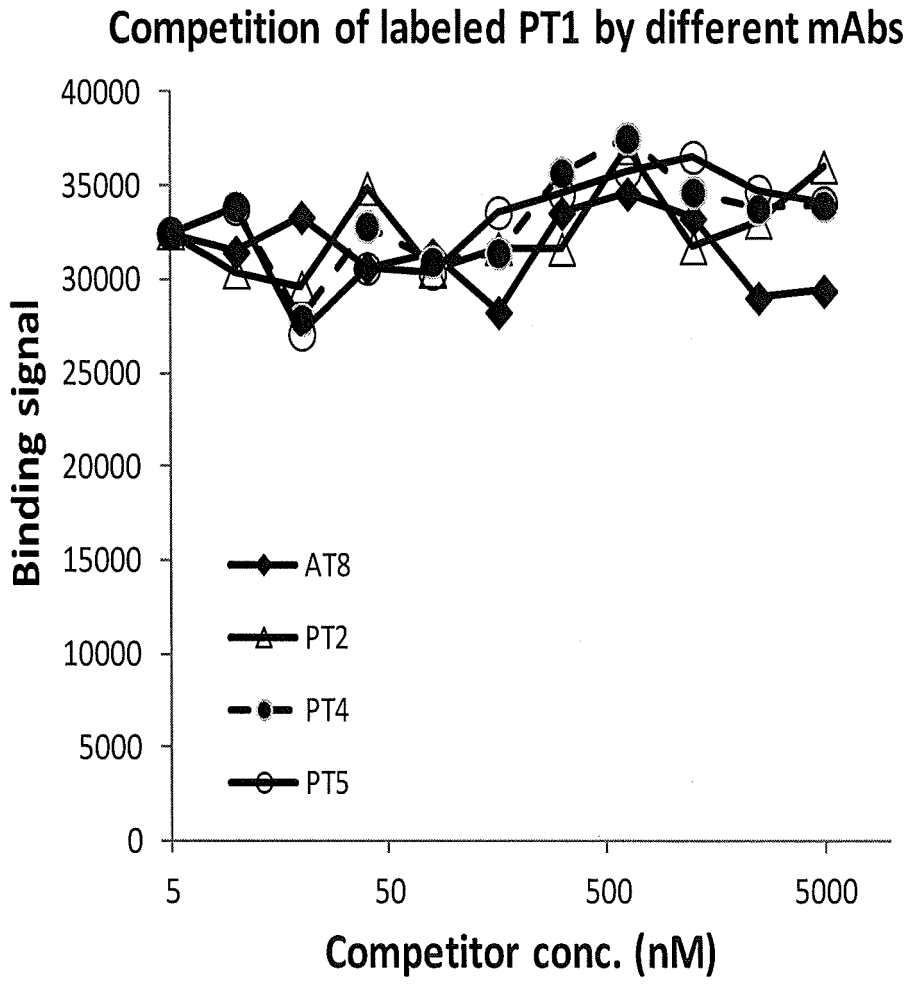

Competition of labeled PT1 by different mAbs
Binding signal
40000
35000
30000
25000
20000
15000
10000
5000
0
AT8
PT2
PT4
PT5
5
50
500
5000
Competitor conc. (nM)

FIG. 3A

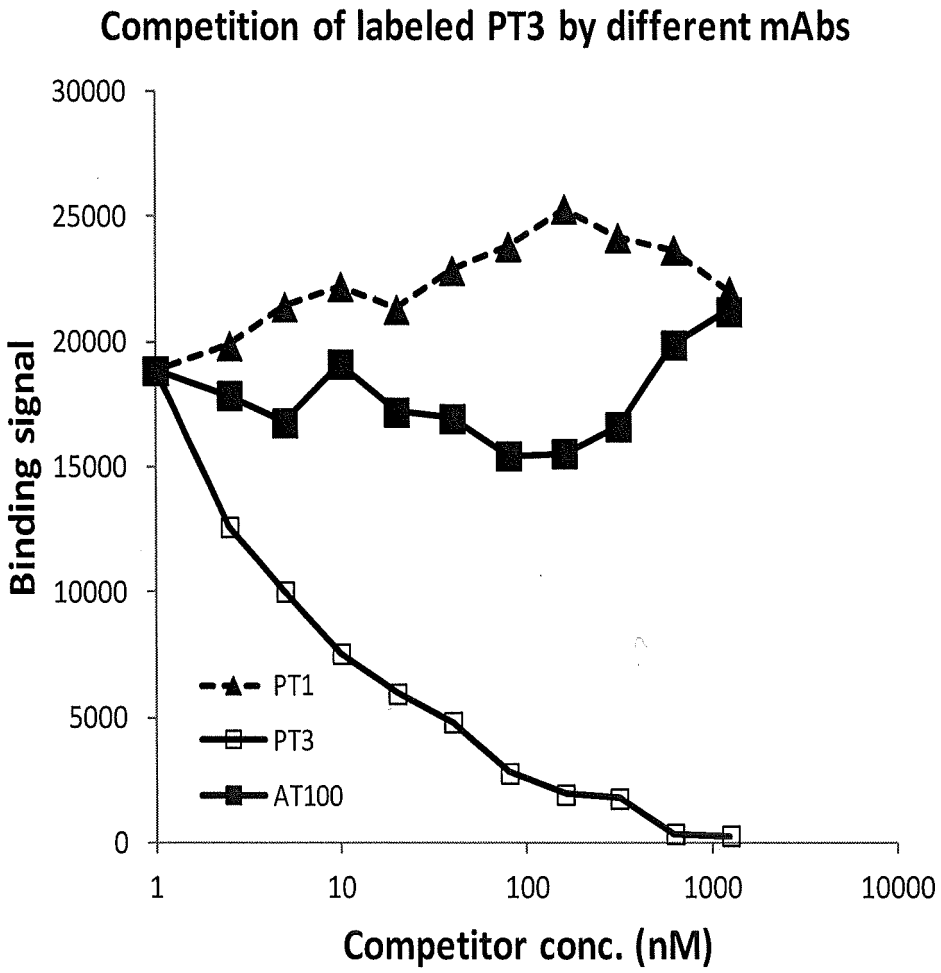

Competition of labeled PT3 by different mAbs
Binding signal
30000
25000
20000
15000
10000
5000
0
PT1
PT3
AT100
1
10
100
1000
10000
Competitor conc. (nM)

FIG. 3B

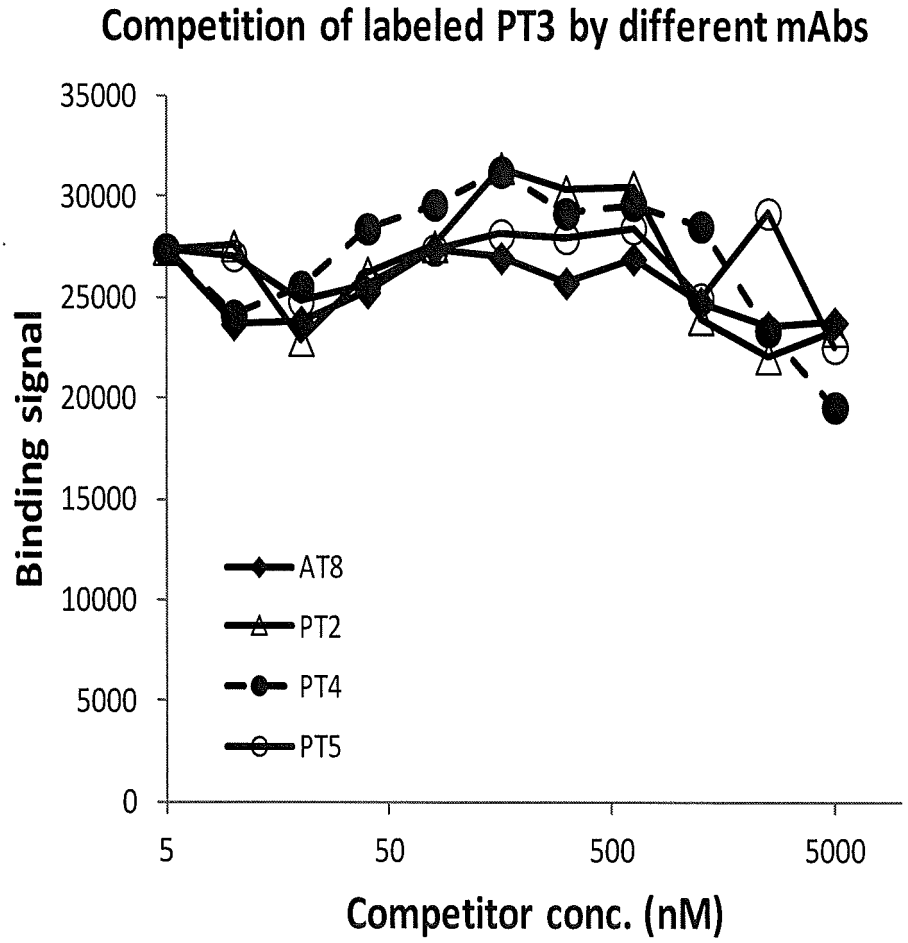

Competition of labeled PT3 by different mAbs
Binding signal
35000
30000
25000
20000
15000
10000
5000
0
AT8
PT2
PT4
PT5
5
50
500
5000
Competitor conc. (nM)

FIG. 4

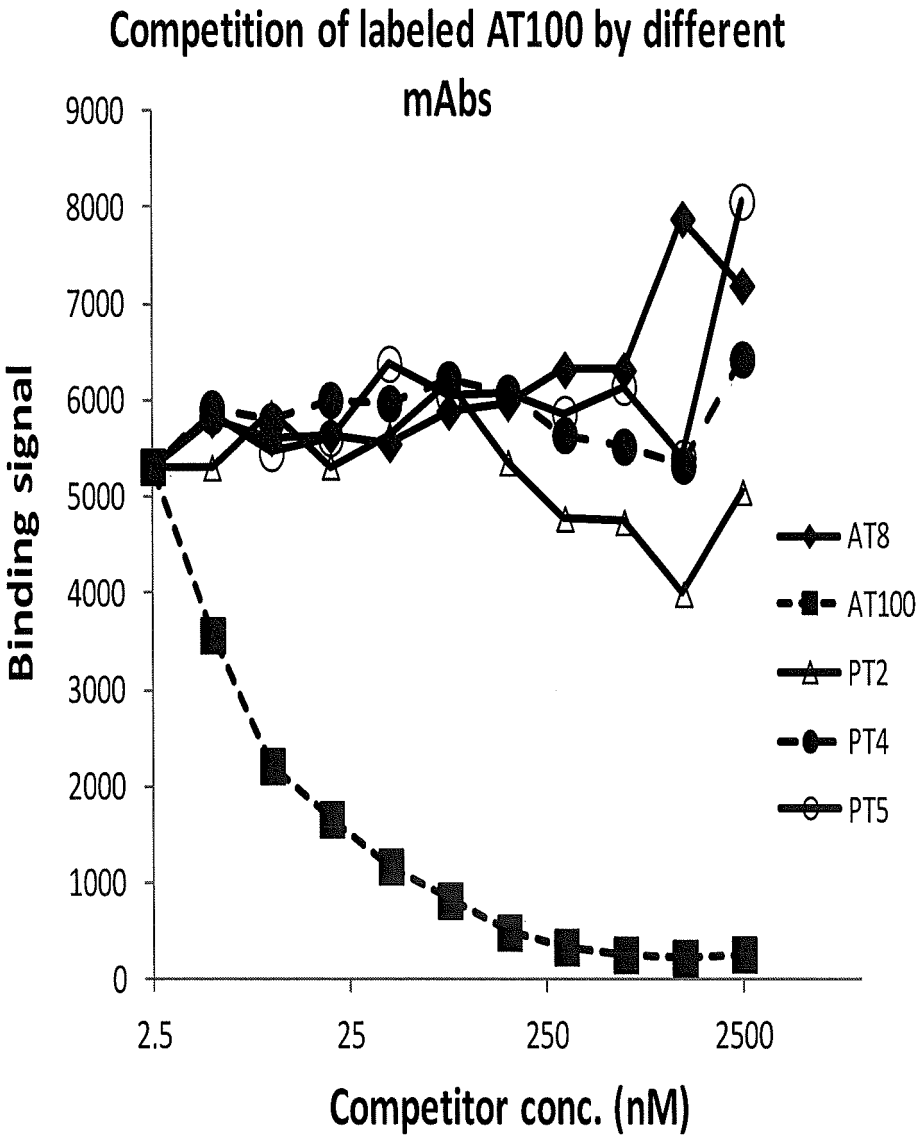
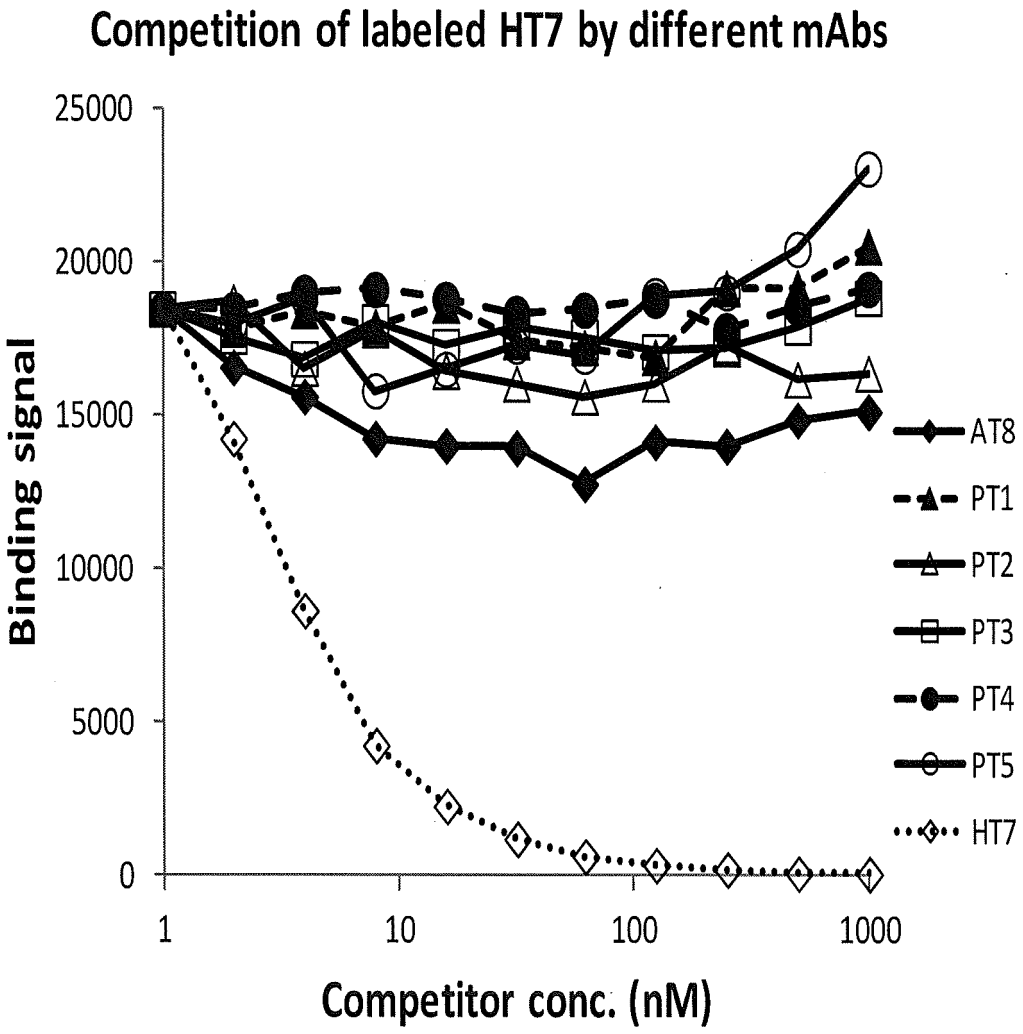

Competition of labeled AT100 by different mAbs
Binding signal
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
2.5
25
250
2500
Competitor conc. (nM)
AT8
AT100
PT2
PT4
PT5

FIG. 5


Competition of labeled HT7 by different mAbs
Binding signal
25000
20000
15000
10000
5000
0
1
10
100
1000
Competitor conc. (nM)
AT8
PT1
PT2
PT3
PT4
PT5
HT7

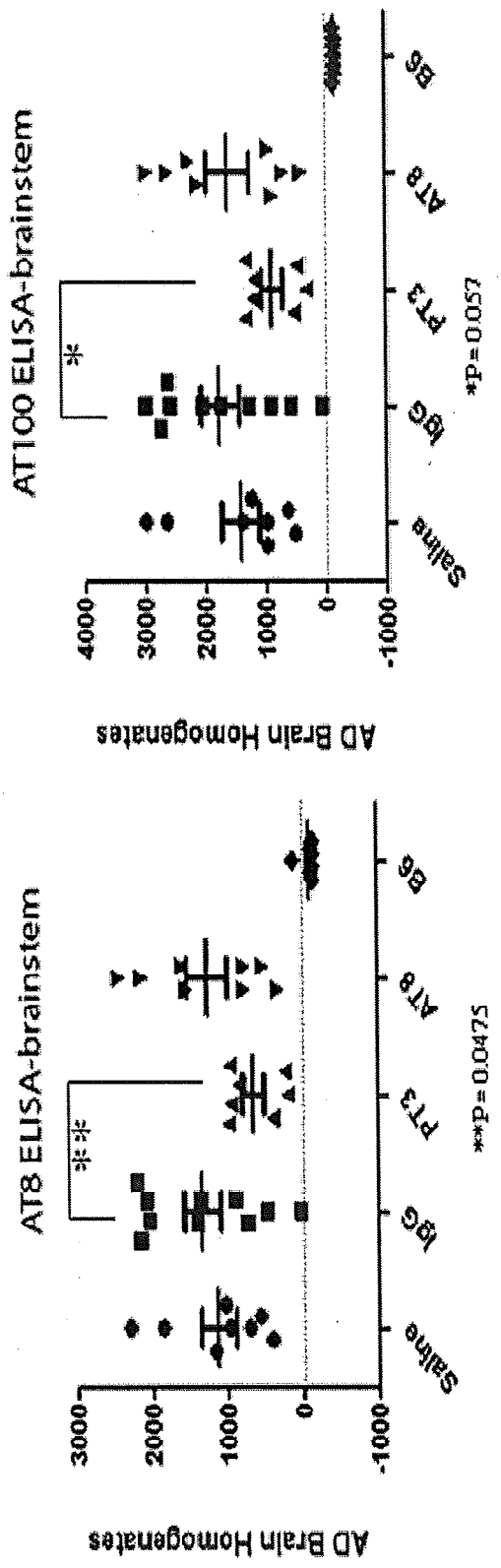

AT8 ELISA-brainstem
AD Brain Homogenates
3000
2000
1000
0
-1000
Saline
IgG
PT3
AT8
B6
**
**P=0.0475
AT100 ELISA-brainstem
AD Brain Homogenates
4000
3000
2000
1000
0
-1000
Saline
IgG
PT3
AT8
B6
*
*P=0.057

FIG. 6A

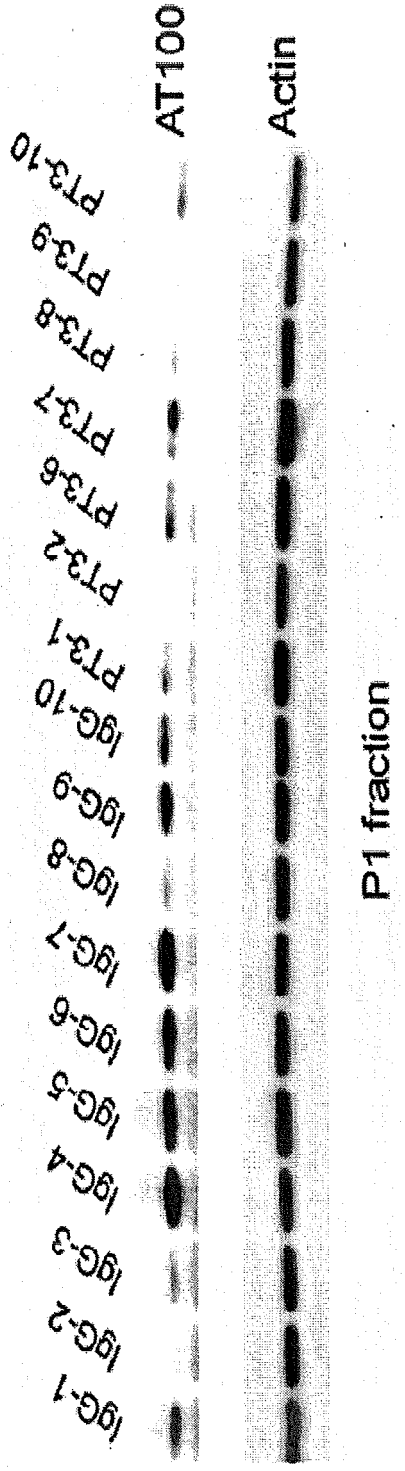
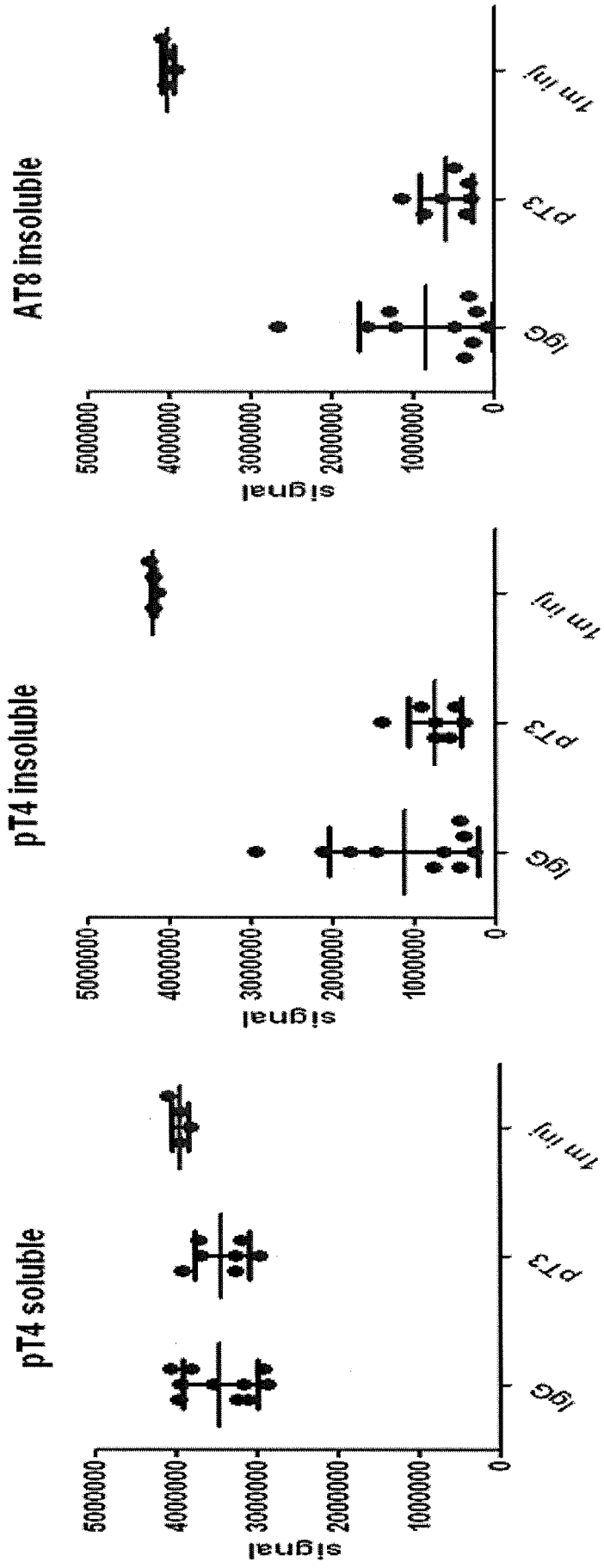

AT100
Actin
P1 fraction
PT3-10
PT3-9
PT3-8
PT3-7
PT3-6
PT3-2
PT3-1
IgG-10
IgG-9
IgG-8
IgG-7
IgG-6
IgG-5
IgG-4
IgG-3
IgG-2
IgG-1

FIG. 6B

FIG. 7


pT4 soluble
pT4 insoluble
AT8 insoluble
signal
5000000
4000000
3000000
2000000
1000000
0
IgG
pT3
1m Inj