FIG. 1

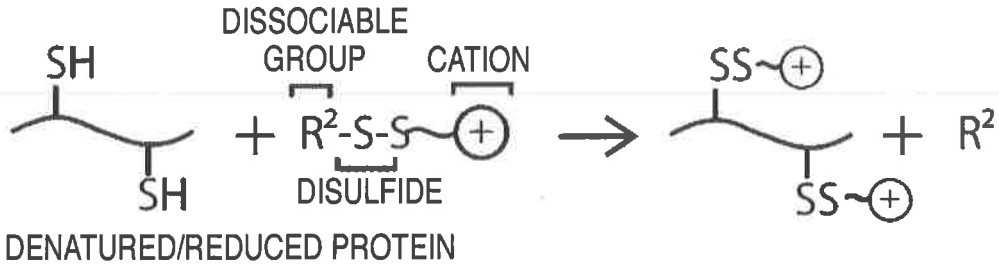

DISSOCIABLE
GROUP
CATION
SH
SH
R^2-S-S
DISULFIDE
SS
SS
R^2
DENATURED/REDUCED PROTEIN

FIG. 2

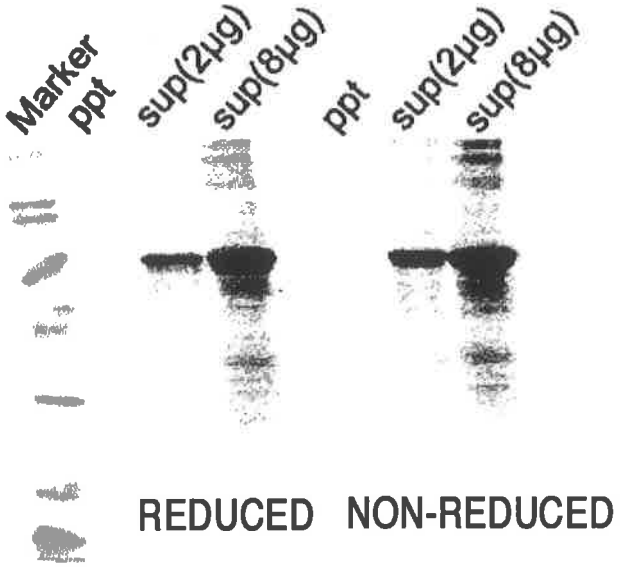

Marker
ppt
sup(2μg)
sup(8μg)
ppt
sup(2μg)
sup(8μg)
REDUCED
NON-REDUCED

FIG. 3

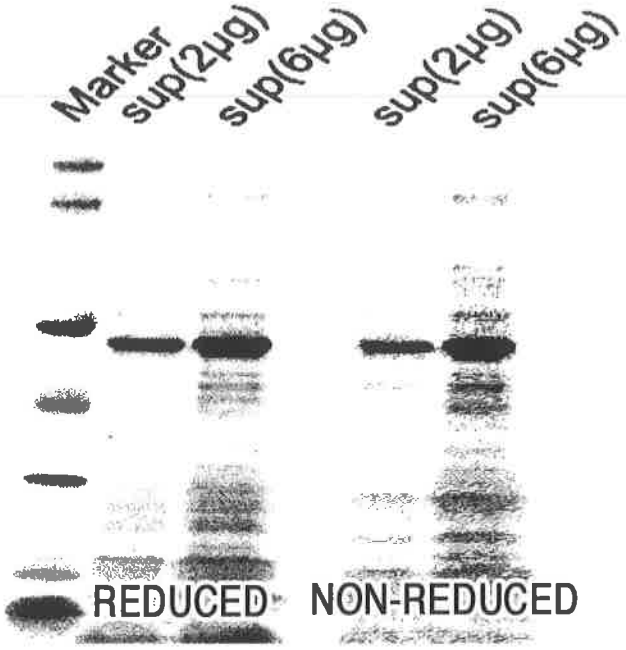

Marker
sup(2μg)
sup(6μg)
sup(2μg)
sup(6μg)
REDUCED
NON-REDUCED

FIG. 4

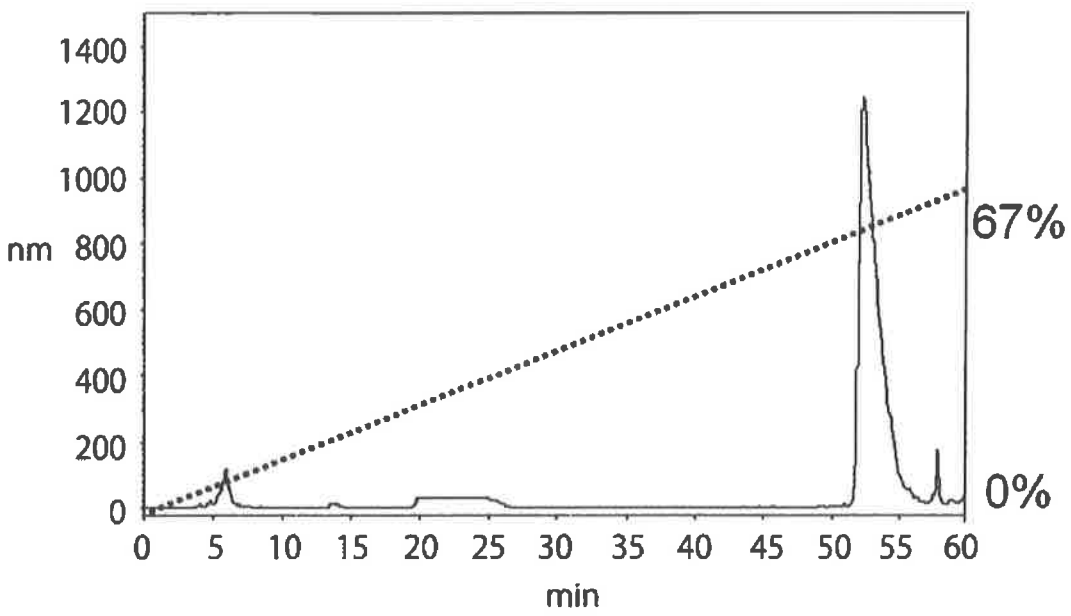

1400
1200
1000
nm 800
600
400
200
0
0 5 10 15 20 25 30 35 40 45 50 55 60
min
67%
0%

FIG. 5

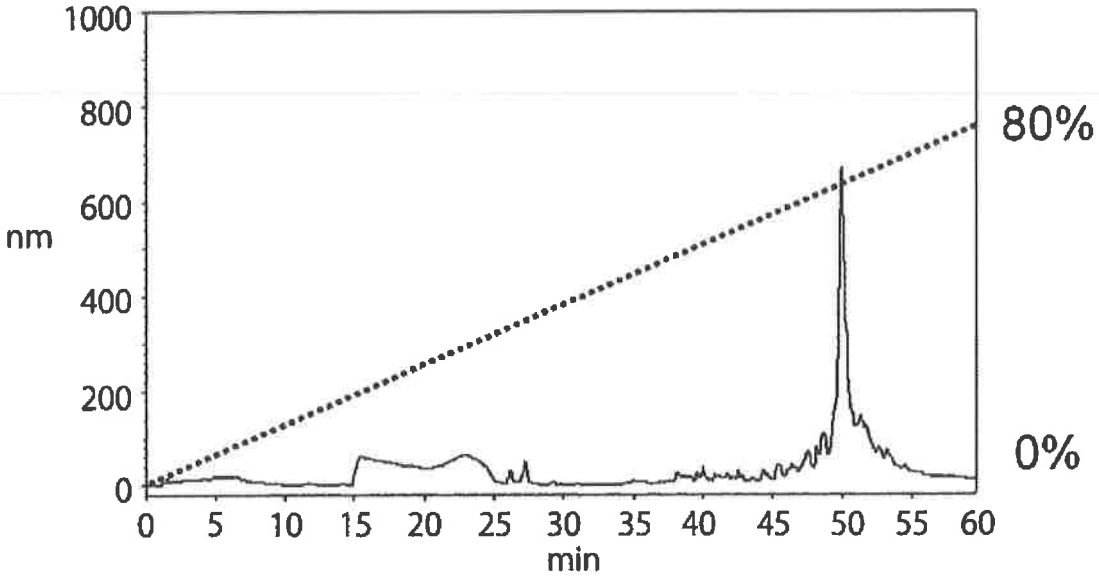

1000
800
600
400
200
0
nm
0 5 10 15 20 25 30 35 40 45 50 55 60
min
80%
0%

FIG. 6

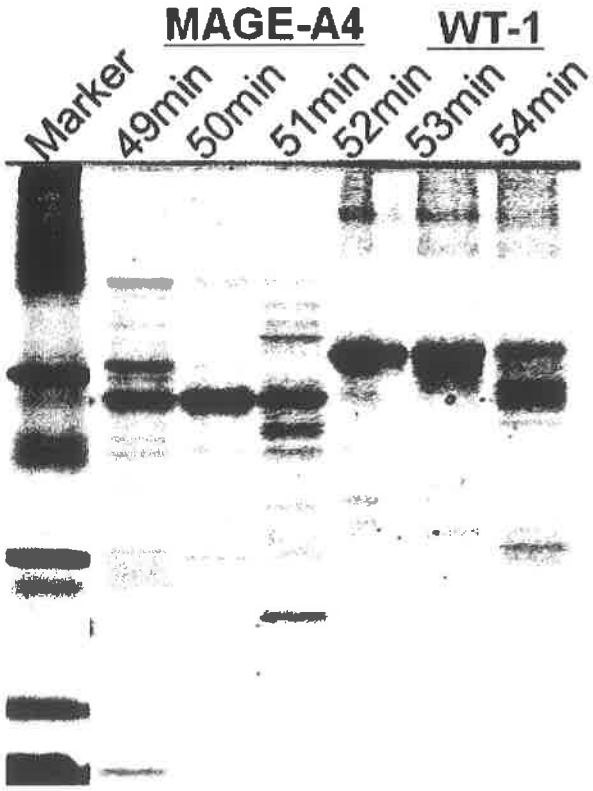

MAGE-A4
WT-1
Marker
49min
50min
51min
52min
53min
54min

FIG. 7

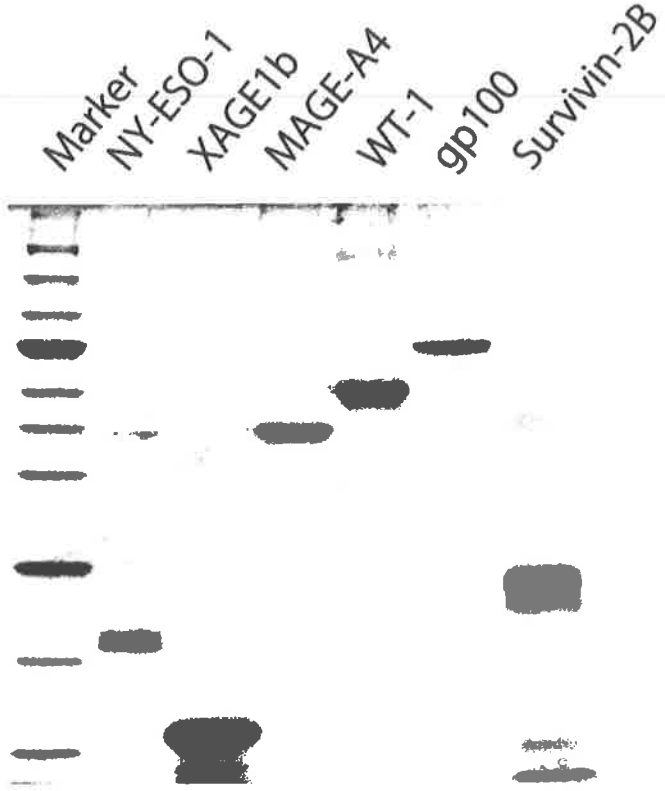


FIG. 8

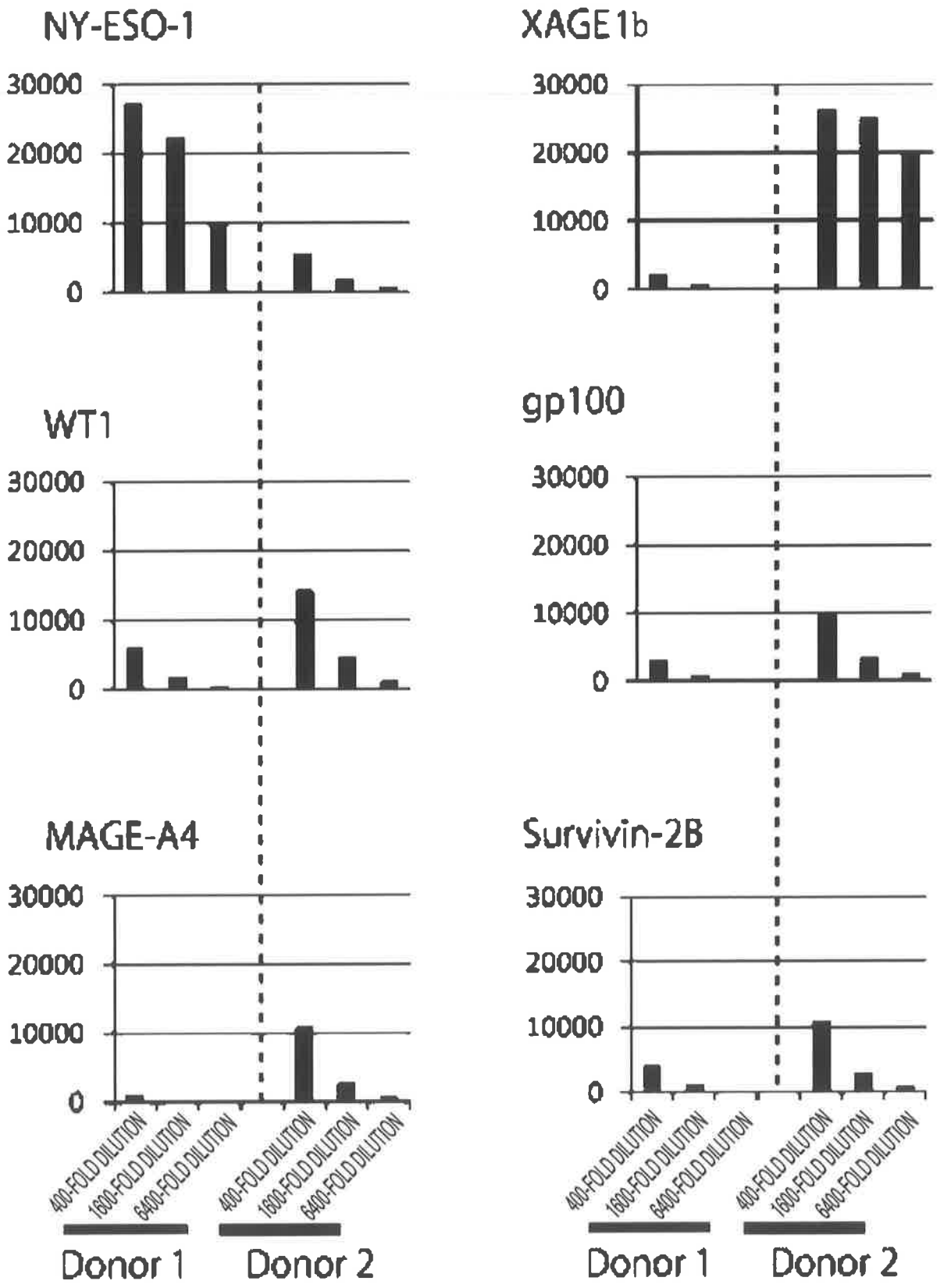

NY-ESO-1
XAGE1b
WT1
gp100
MAGE-A4
Survivin-2B
30000
20000
10000
0
400-FOLD DILUTION
1600-FOLD DILUTION
6400-FOLD DILUTION
Donor 1
Donor 2

FIG. 9

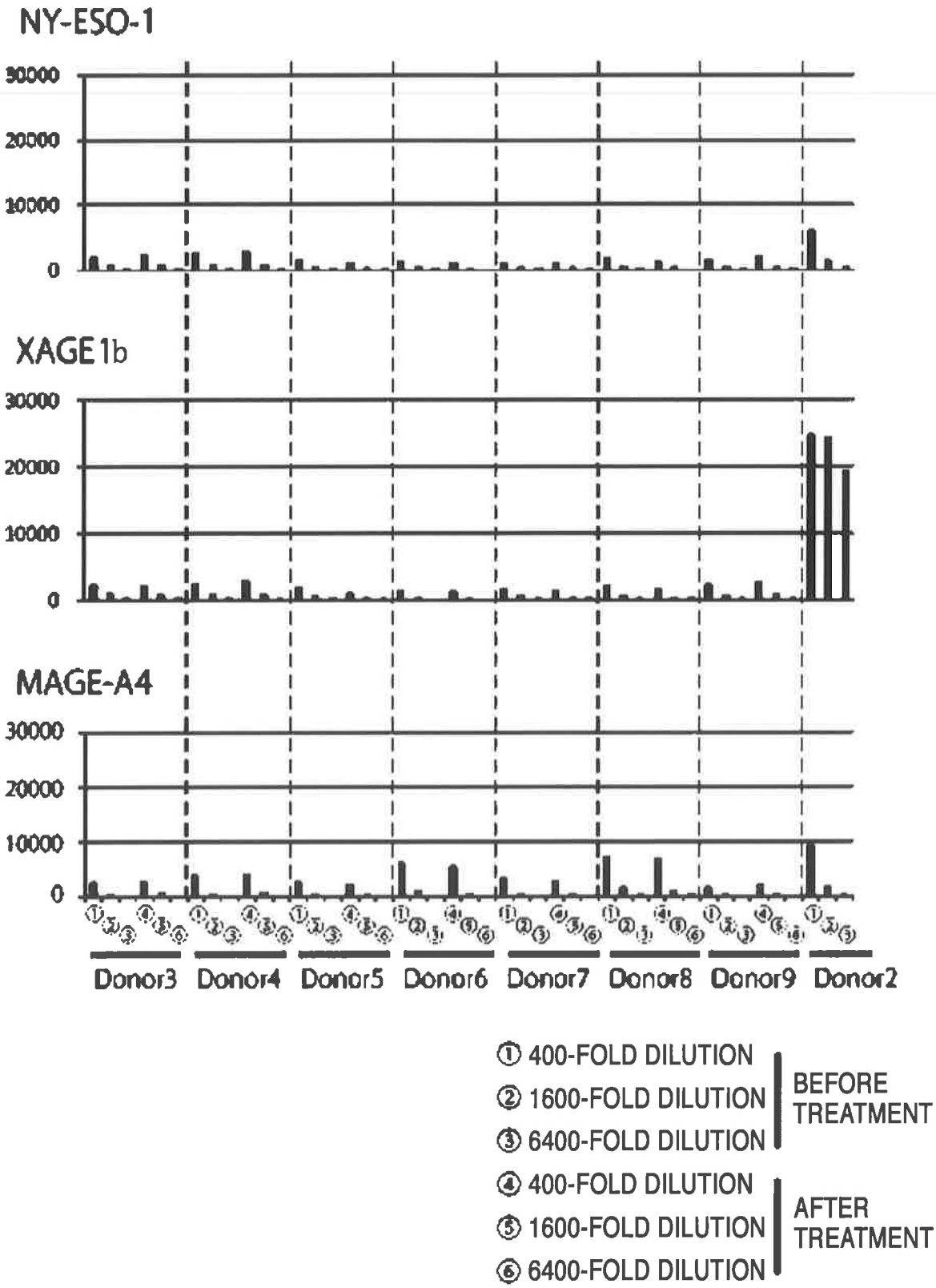

NY-ESO-1
30000
20000
10000
0
XAGE1b
30000
20000
10000
0
MAGE-A4
30000
20000
10000
0
Donor3
Donor4
Donor5
Donor6
Donor7
Donor8
Donor9
Donor2
① 400-FOLD DILUTION
② 1600-FOLD DILUTION
③ 6400-FOLD DILUTION
BEFORE TREATMENT
④ 400-FOLD DILUTION
⑤ 1600-FOLD DILUTION
⑥ 6400-FOLD DILUTION
AFTER TREATMENT

FIG. 10

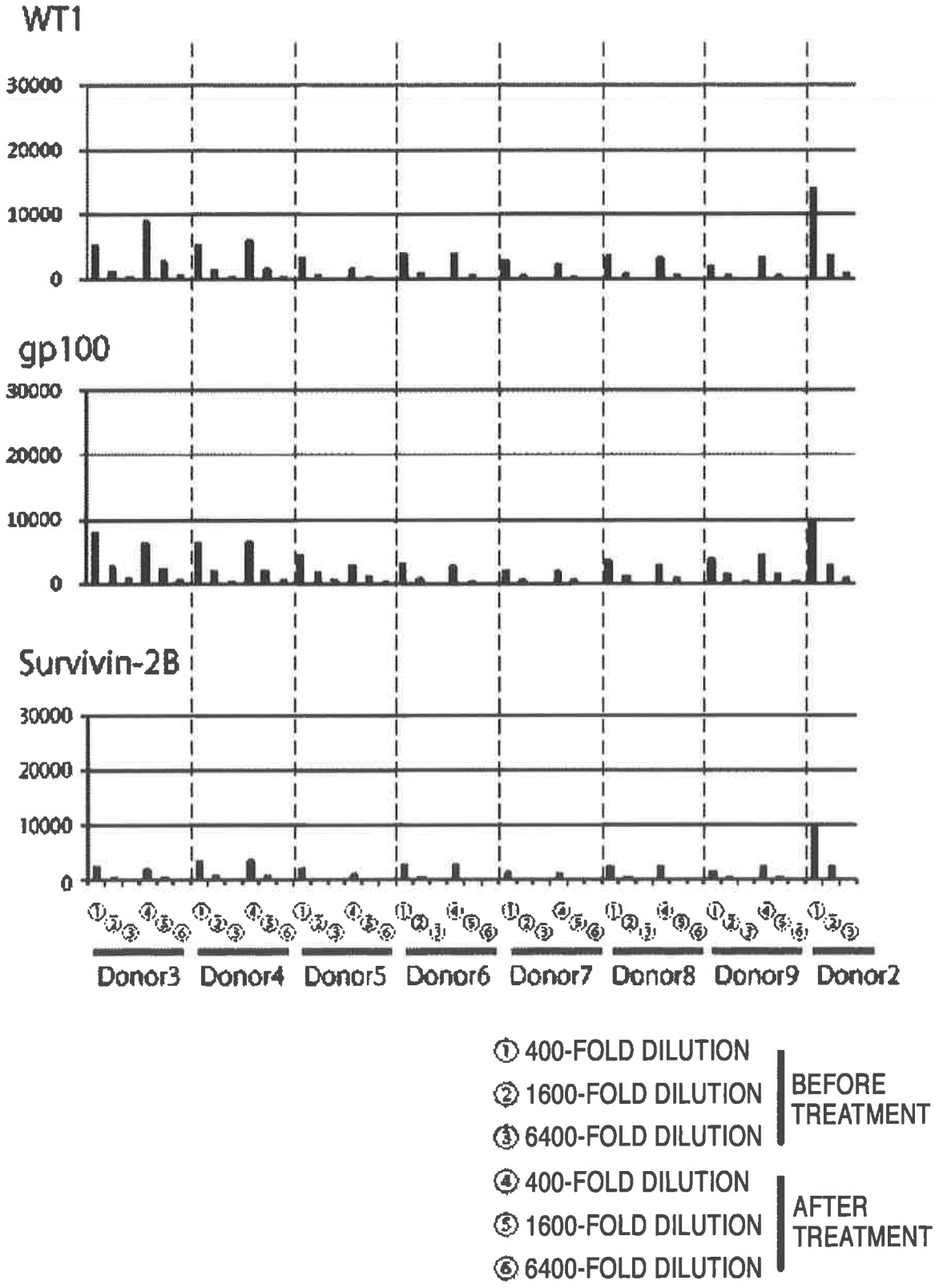

WT1
30000
20000
10000
0
gp100
30000
20000
10000
0
Survivin-2B
30000
20000
10000
0
Donor3
Donor4
Donor5
Donor6
Donor7
Donor8
Donor9
Donor2
① 400-FOLD DILUTION
② 1600-FOLD DILUTION
③ 6400-FOLD DILUTION
BEFORE TREATMENT
④ 400-FOLD DILUTION
⑤ 1600-FOLD DILUTION
⑥ 6400-FOLD DILUTION
AFTER TREATMENT

FIG. 11

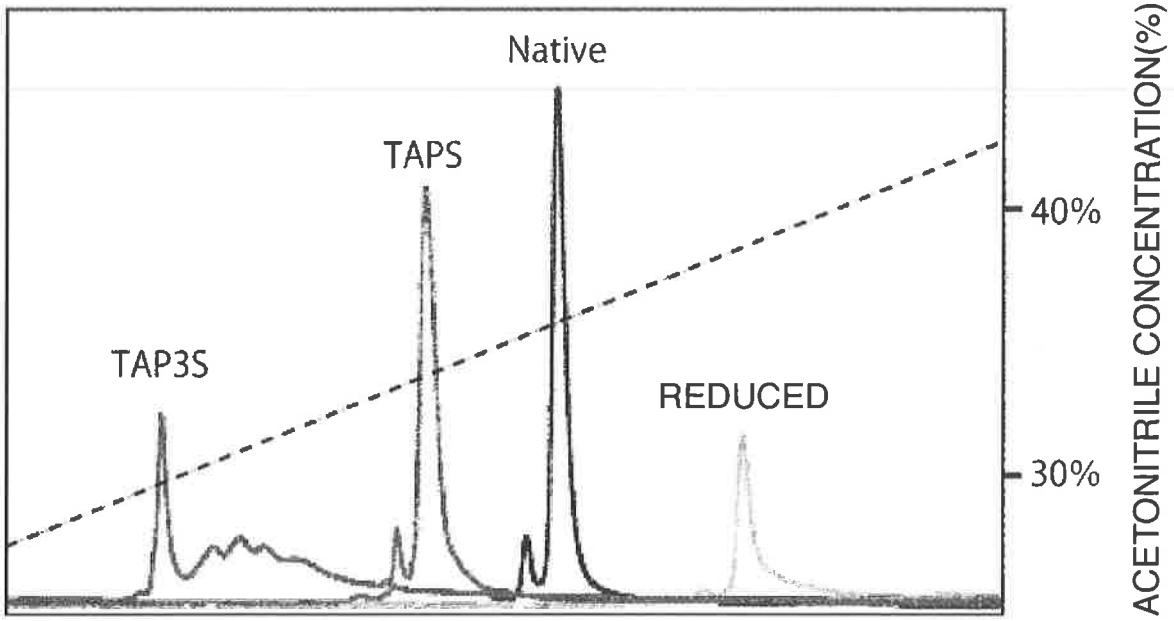

Native
TAPS
TAP3S
REDUCED
40%
30%
ACETONITRILE CONCENTRATION(%)

FIG. 12

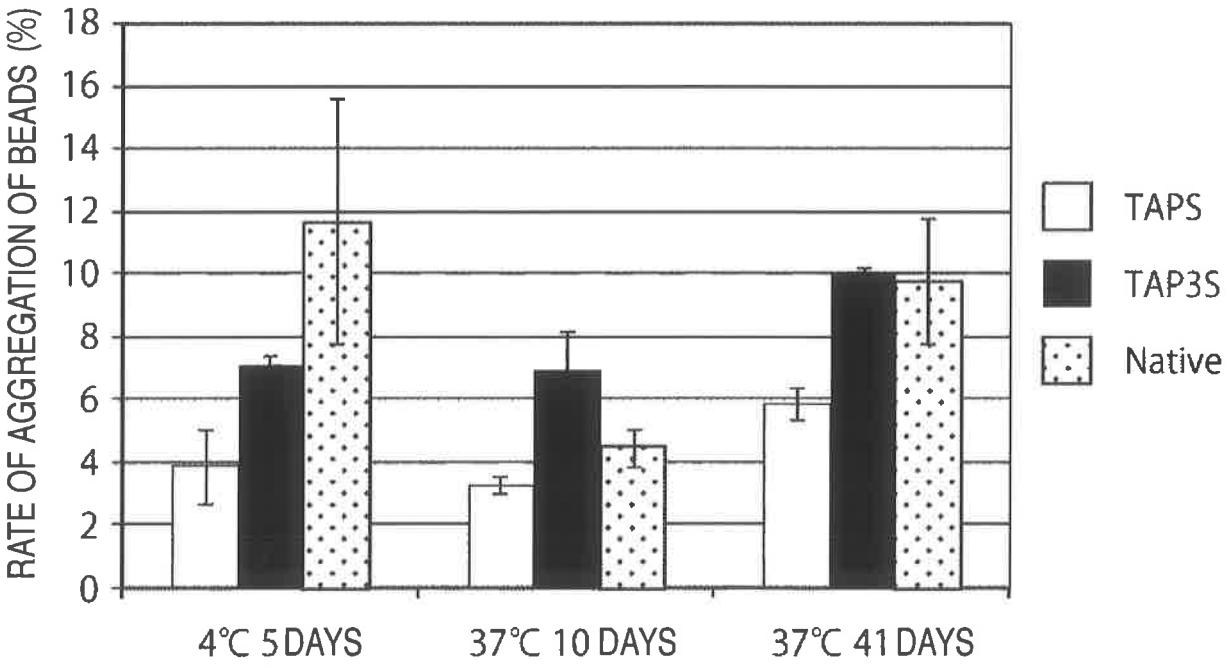

RATE OF AGGREGATION OF BEADS (%)
18
16
14
12
10
8
6
4
2
0
4℃ 5 DAYS
37℃ 10 DAYS
37℃ 41 DAYS
TAPS
TAP3S
Native

FIG. 13

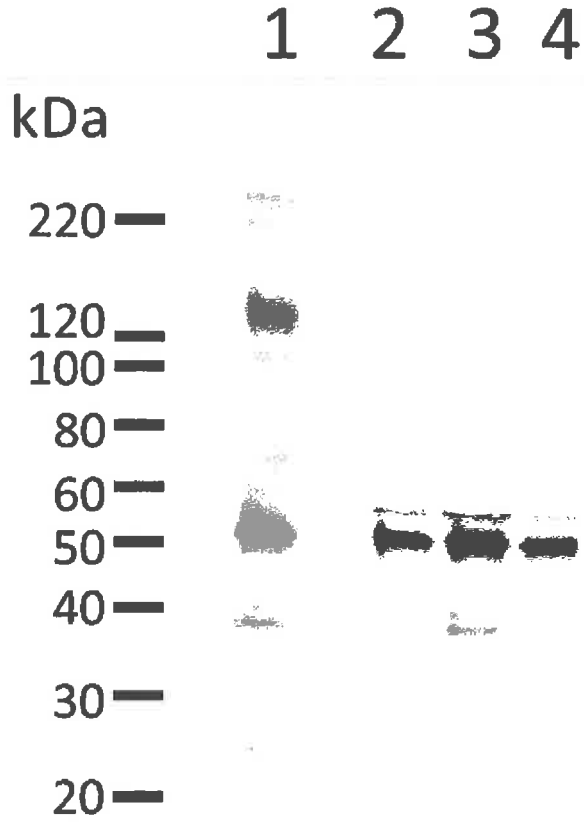


FIG. 14

