Fig. 1

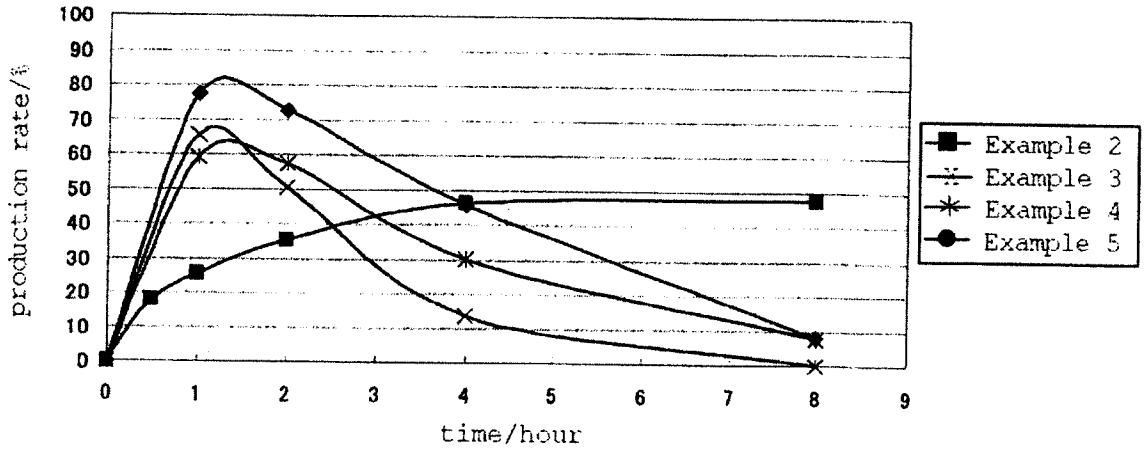

production rate/%
100
90
80
70
60
50
40
30
20
10
0
0
1
2
3
4
5
6
7
8
9
time/hour
Example 2
Example 3
Example 4
Example 5

Fig. 2

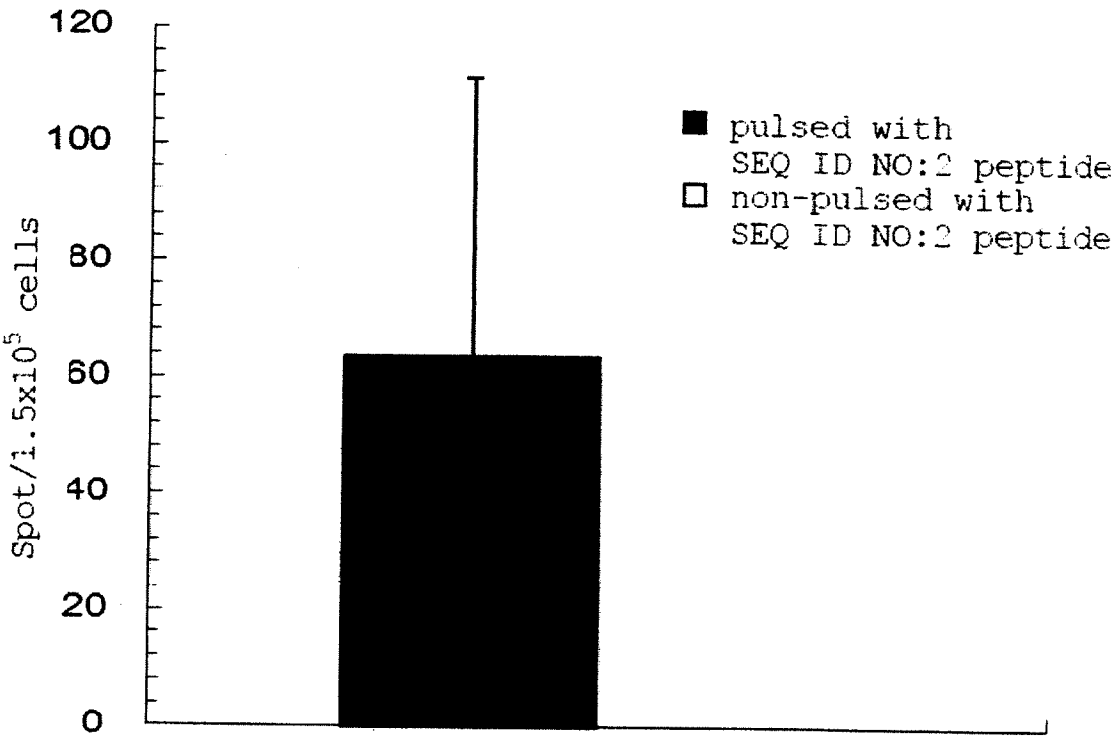

120
100
80
60
40
20
0
Spot/1.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide

Fig. 3

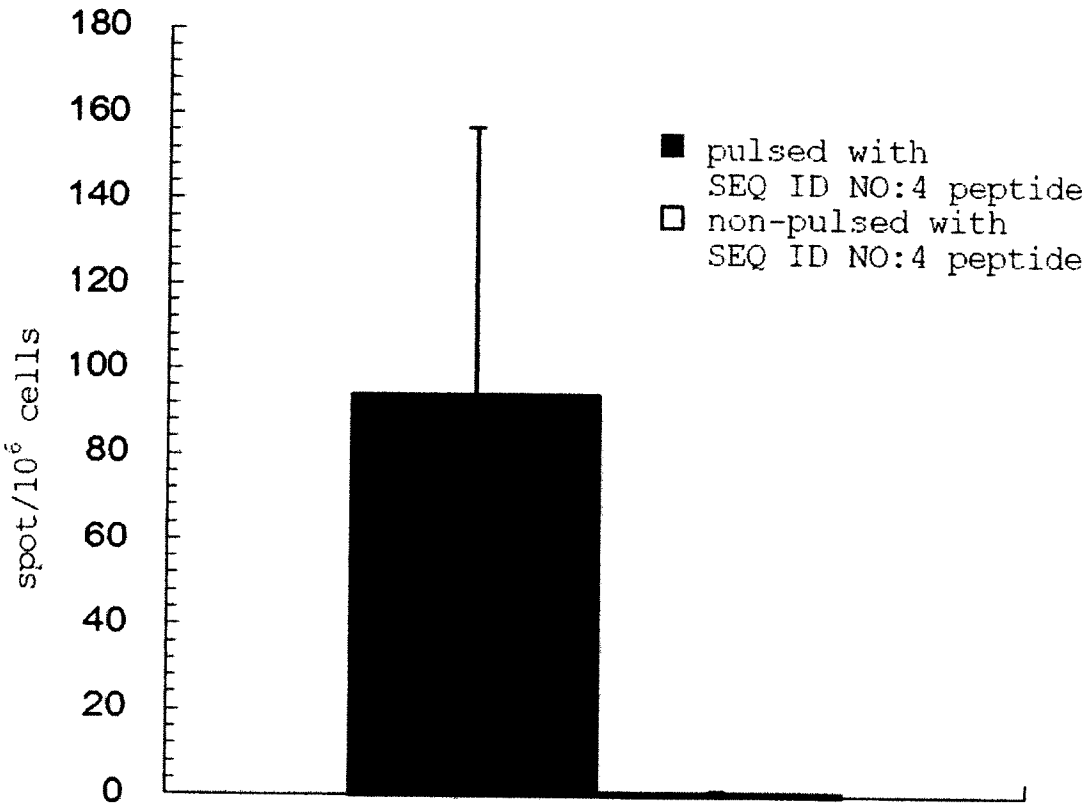

180
160
140
120
100
80
60
40
20
0
spot/10^6 cells
pulsed with SEQ ID NO:4 peptide
non-pulsed with SEQ ID NO:4 peptide

Fig. 4

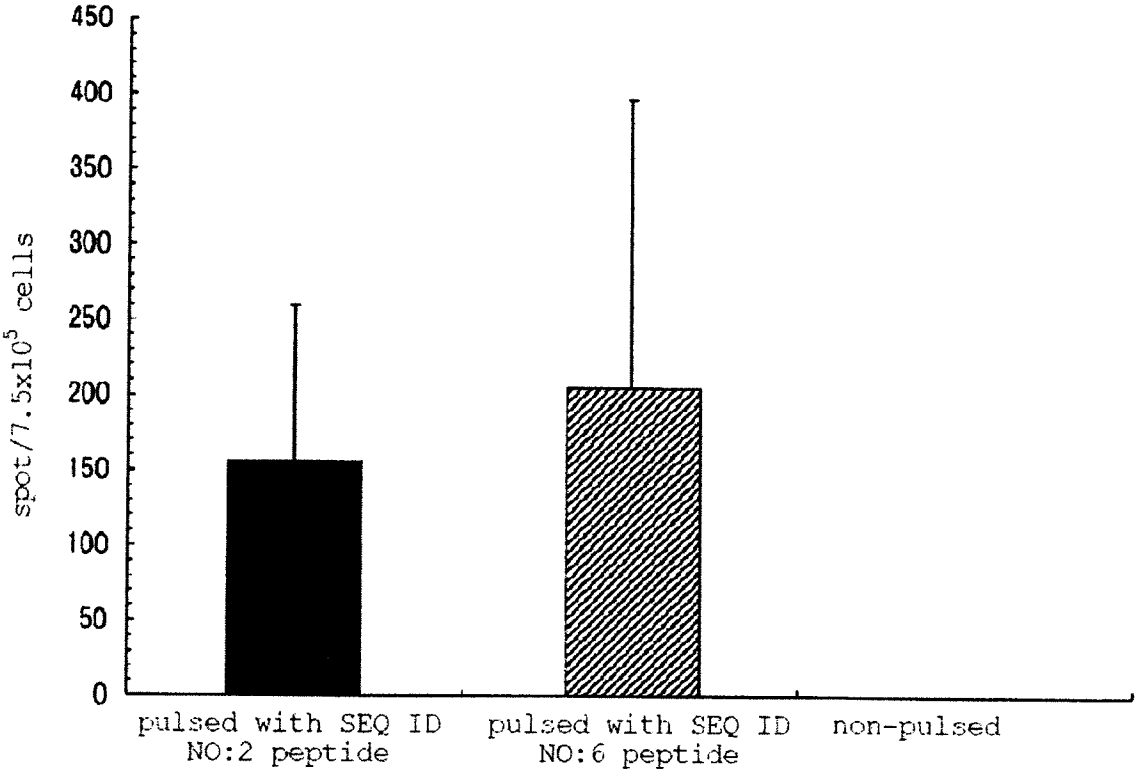

450
400
350
300
250
200
150
100
50
0
spot/7.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
pulsed with SEQ ID NO:6 peptide
non-pulsed

Fig. 5

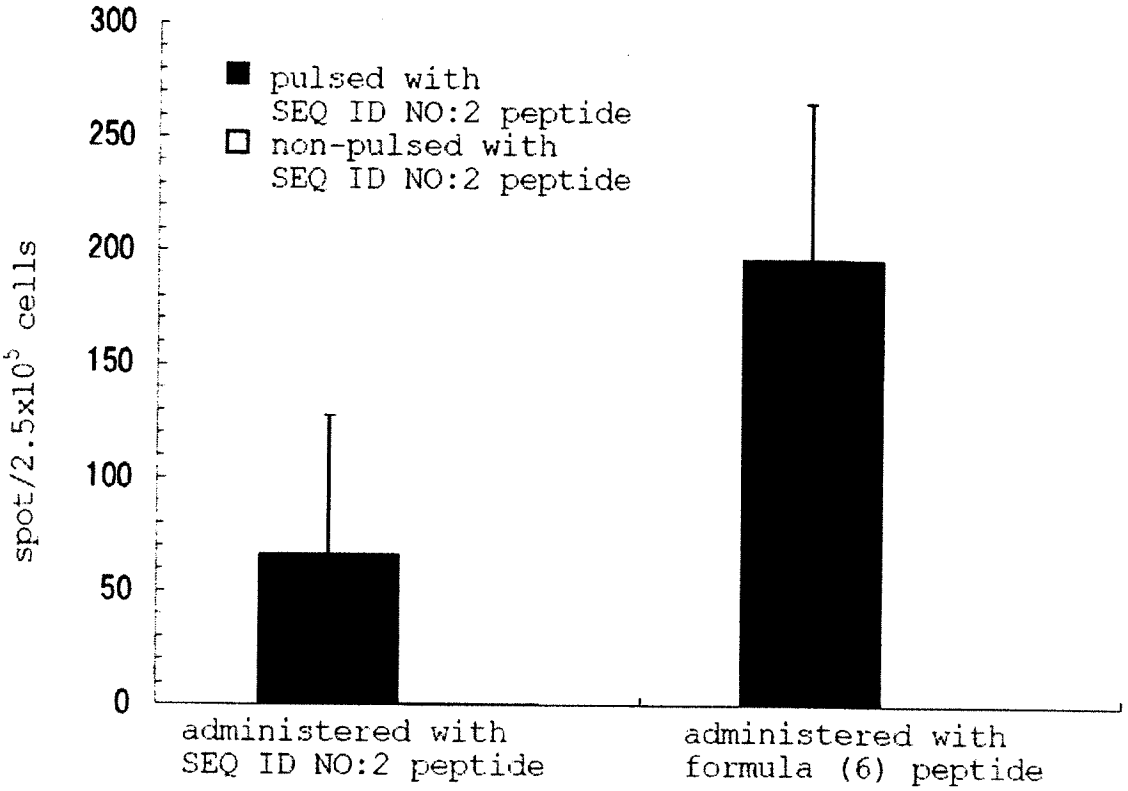

300
250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with SEQ ID NO:2 peptide
administered with formula (6) peptide

Fig. 6

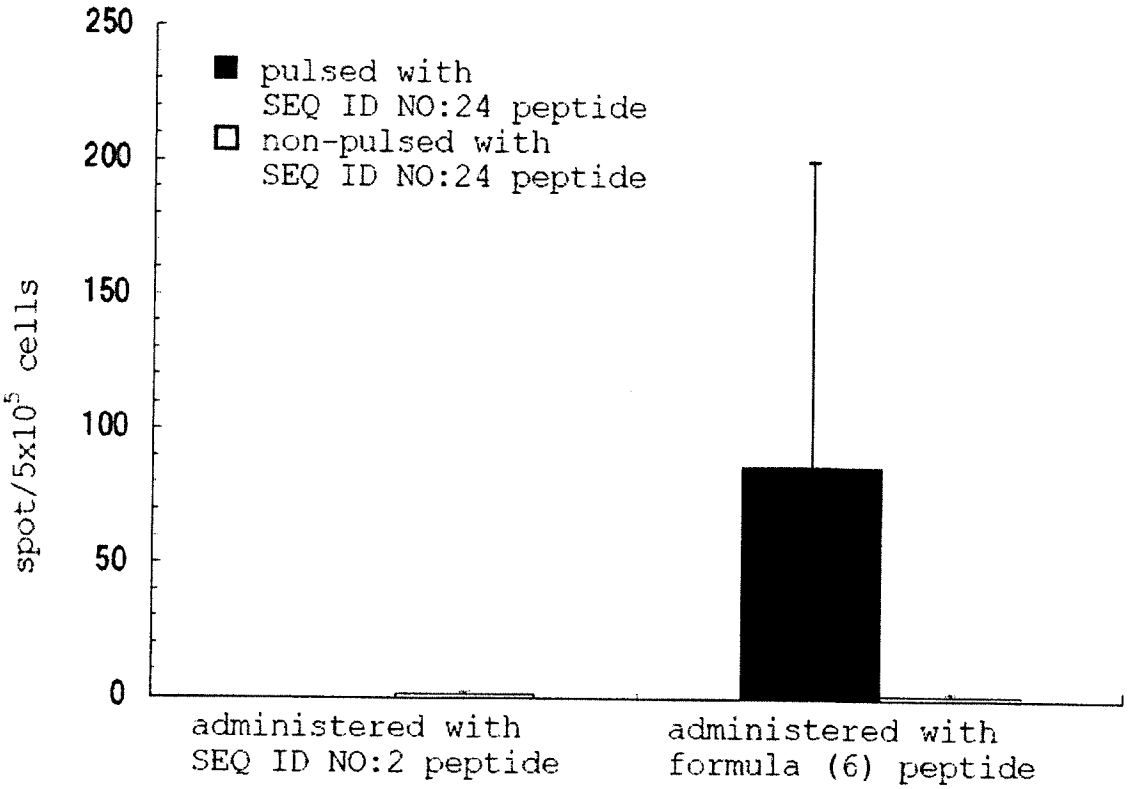

250
200
150
100
50
0
spot/5x10^5 cells
pulsed with SEQ ID NO:24 peptide
non-pulsed with SEQ ID NO:24 peptide
administered with SEQ ID NO:2 peptide
administered with formula (6) peptide

Fig. 7

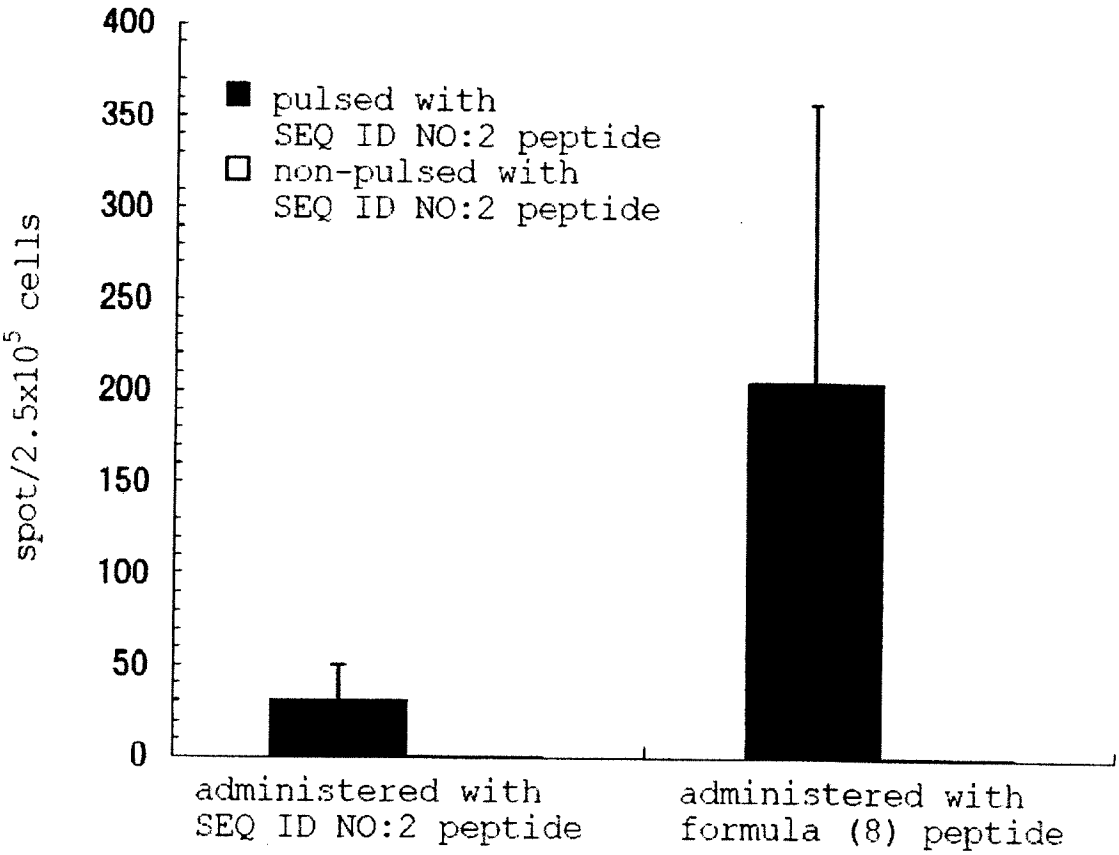

400
350
300
250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with SEQ ID NO:2 peptide
administered with formula (8) peptide

Fig. 8

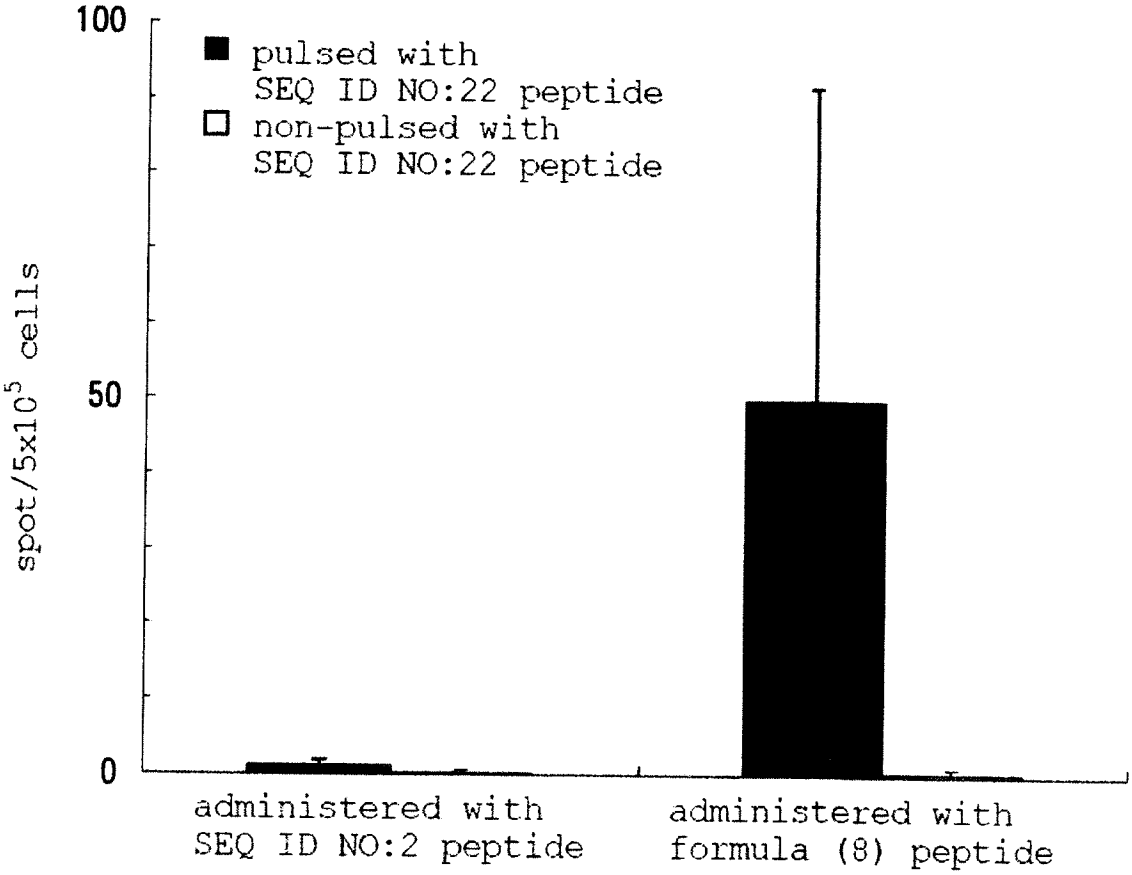

100
50
0
spot/5x10^5 cells
pulsed with
SEQ ID NO:22 peptide
non-pulsed with
SEQ ID NO:22 peptide
administered with
SEQ ID NO:2 peptide
administered with
formula (8) peptide

Fig. 9

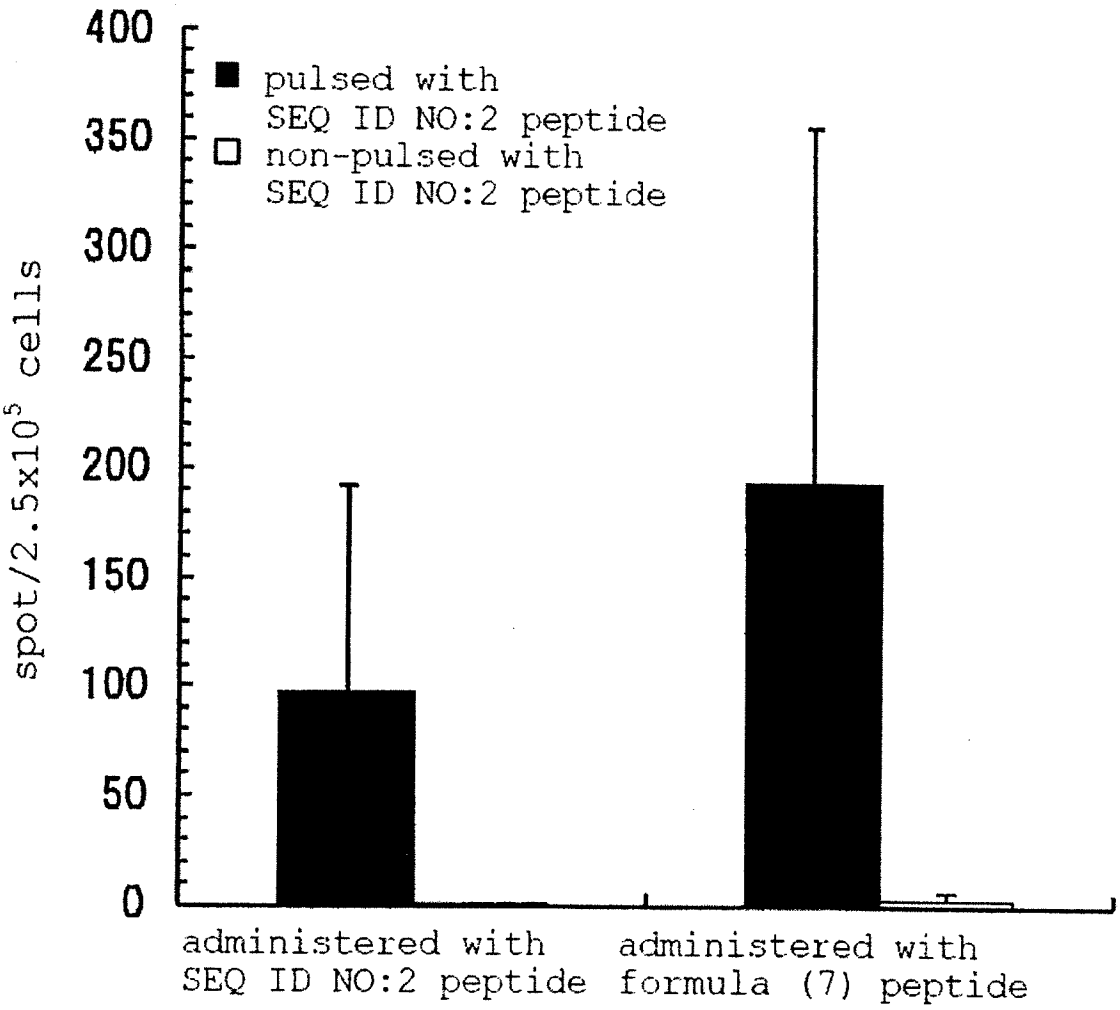

400
350
300
250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with SEQ ID NO:2 peptide
administered with formula (7) peptide

Fig. 10

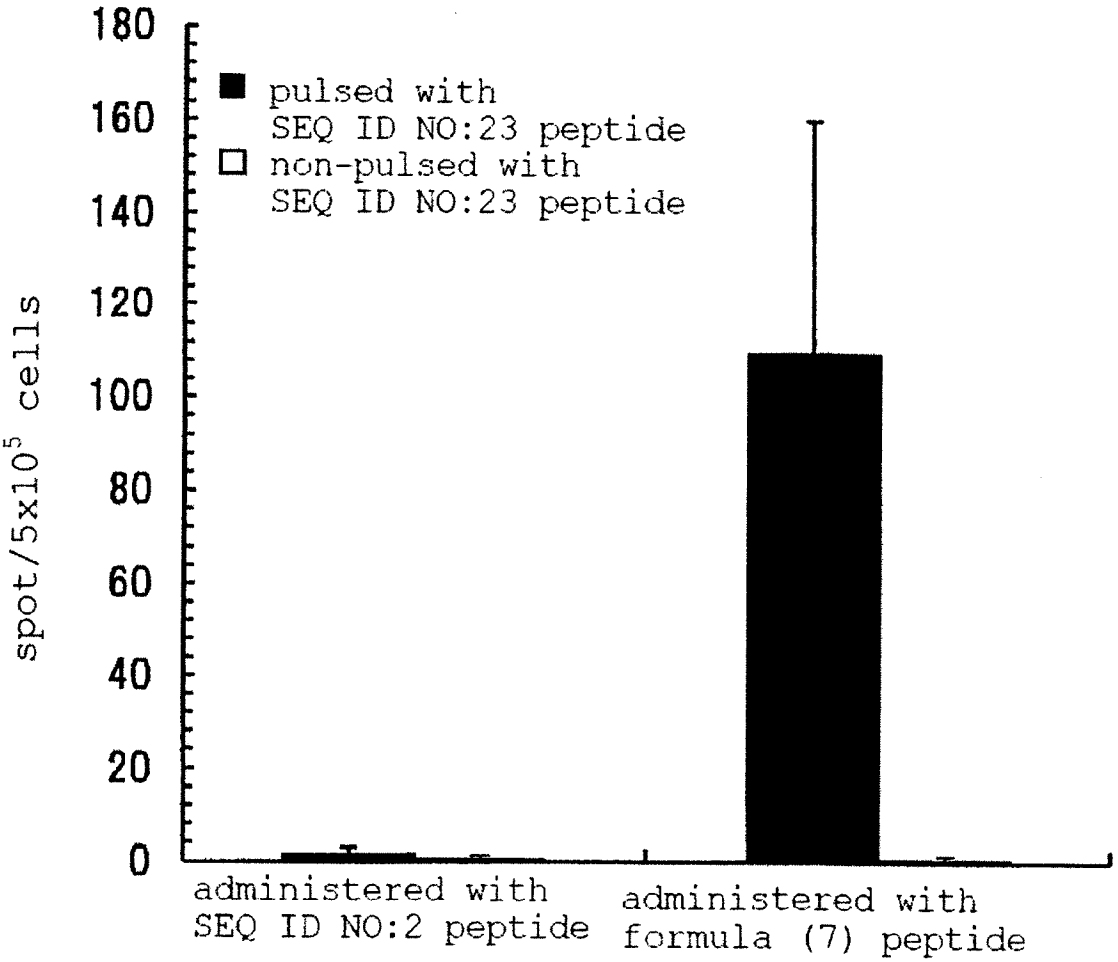

180
160
140
120
100
80
60
40
20
0
spot/5x10^5 cells
pulsed with SEQ ID NO:23 peptide
non-pulsed with SEQ ID NO:23 peptide
administered with SEQ ID NO:2 peptide
administered with formula (7) peptide

Fig. 11

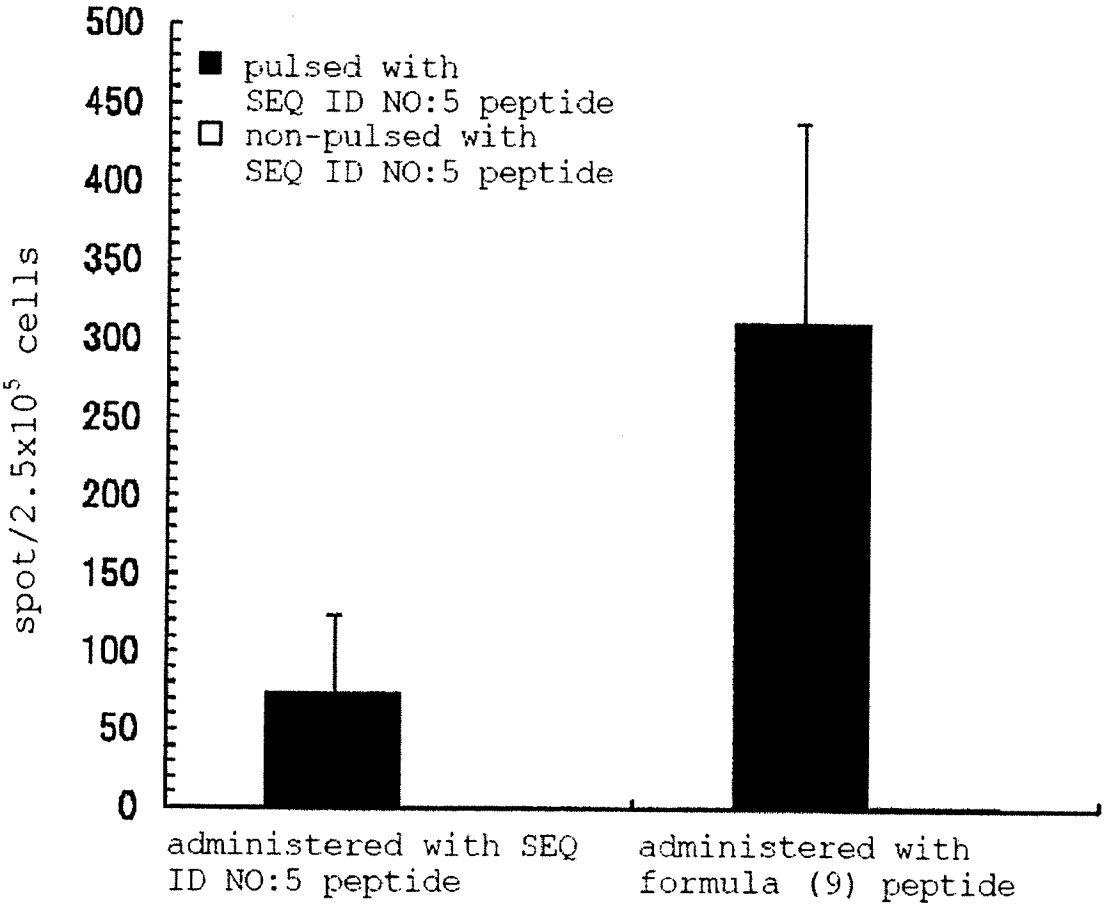

500
450
400
350
300
250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:5 peptide
non-pulsed with SEQ ID NO:5 peptide
administered with SEQ ID NO:5 peptide
administered with formula (9) peptide

Fig. 12

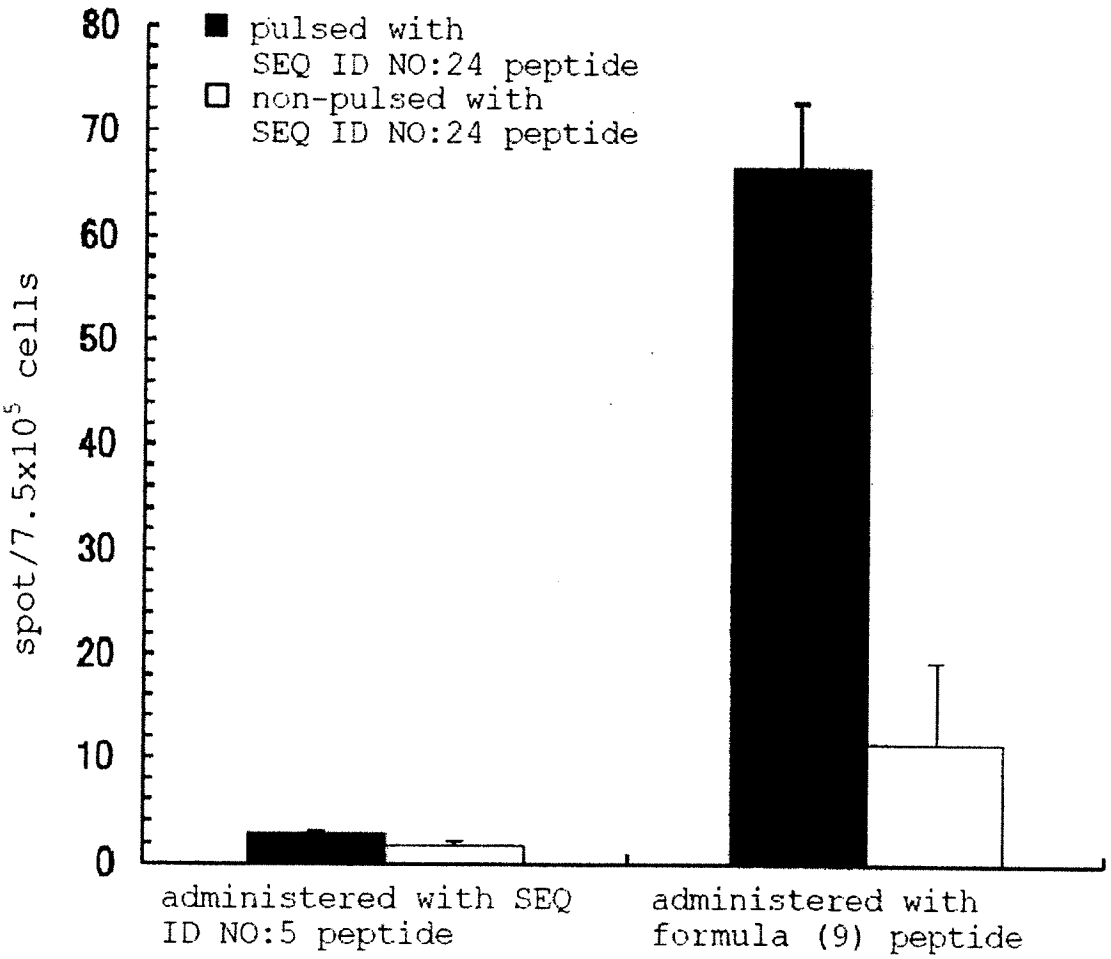

80
70
60
50
40
30
20
10
0
spot/7.5x10^5 cells
pulsed with SEQ ID NO:24 peptide
non-pulsed with SEQ ID NO:24 peptide
administered with SEQ ID NO:5 peptide
administered with formula (9) peptide

Fig. 13

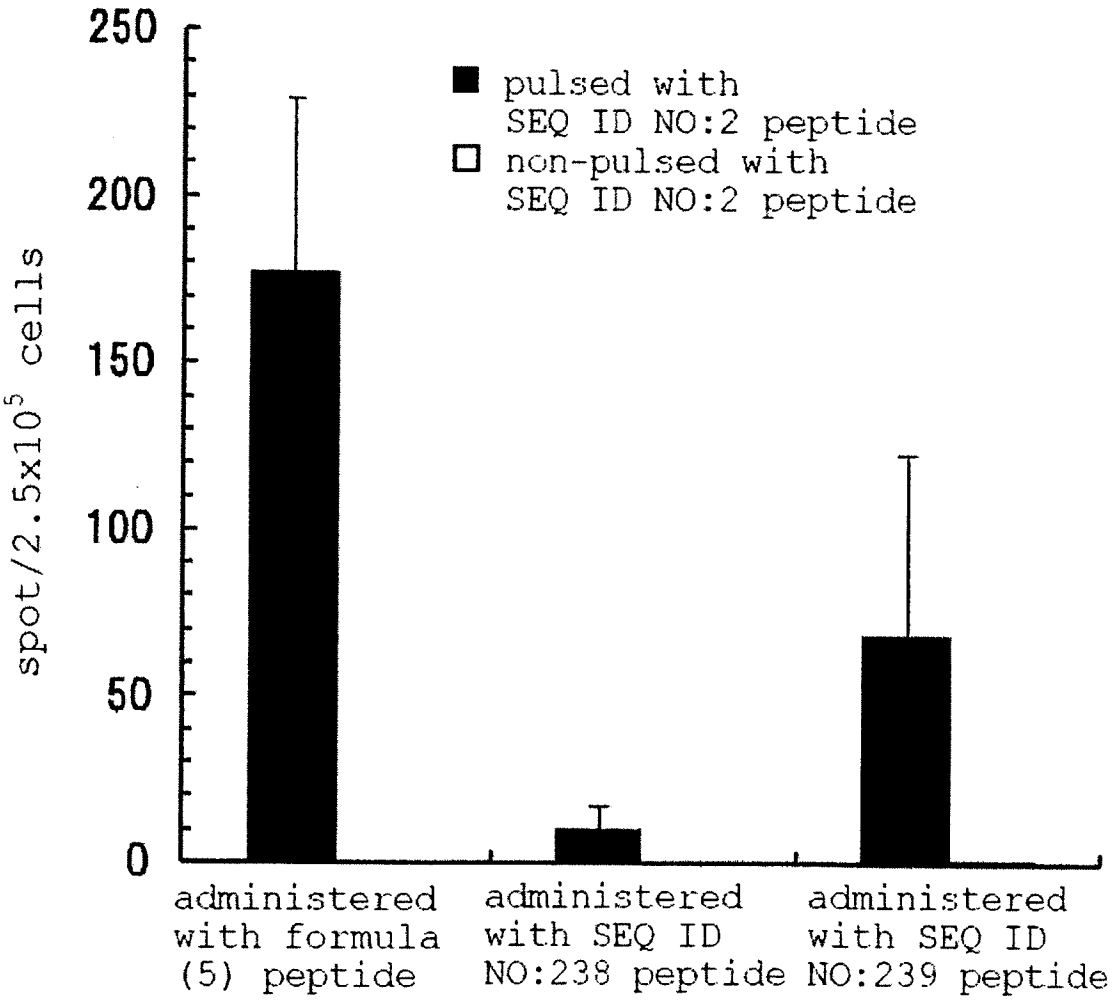

250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with formula (5) peptide
administered with SEQ ID NO:238 peptide
administered with SEQ ID NO:239 peptide

Fig. 14

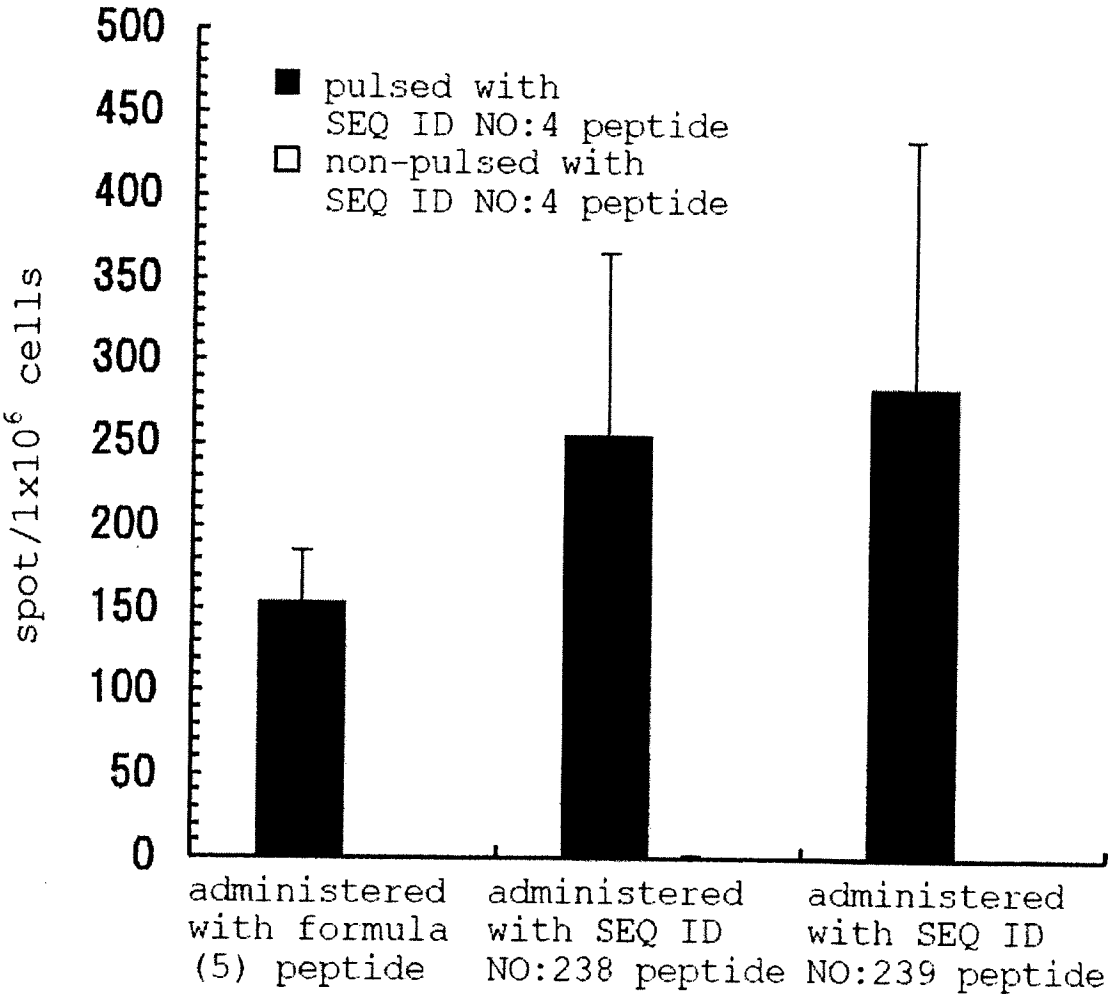

500
450
400
350
300
250
200
150
100
50
0
spot/1x10^6 cells
pulsed with SEQ ID NO:4 peptide
non-pulsed with SEQ ID NO:4 peptide
administered with formula (5) peptide
administered with SEQ ID NO:238 peptide
administered with SEQ ID NO:239 peptide

Fig. 15

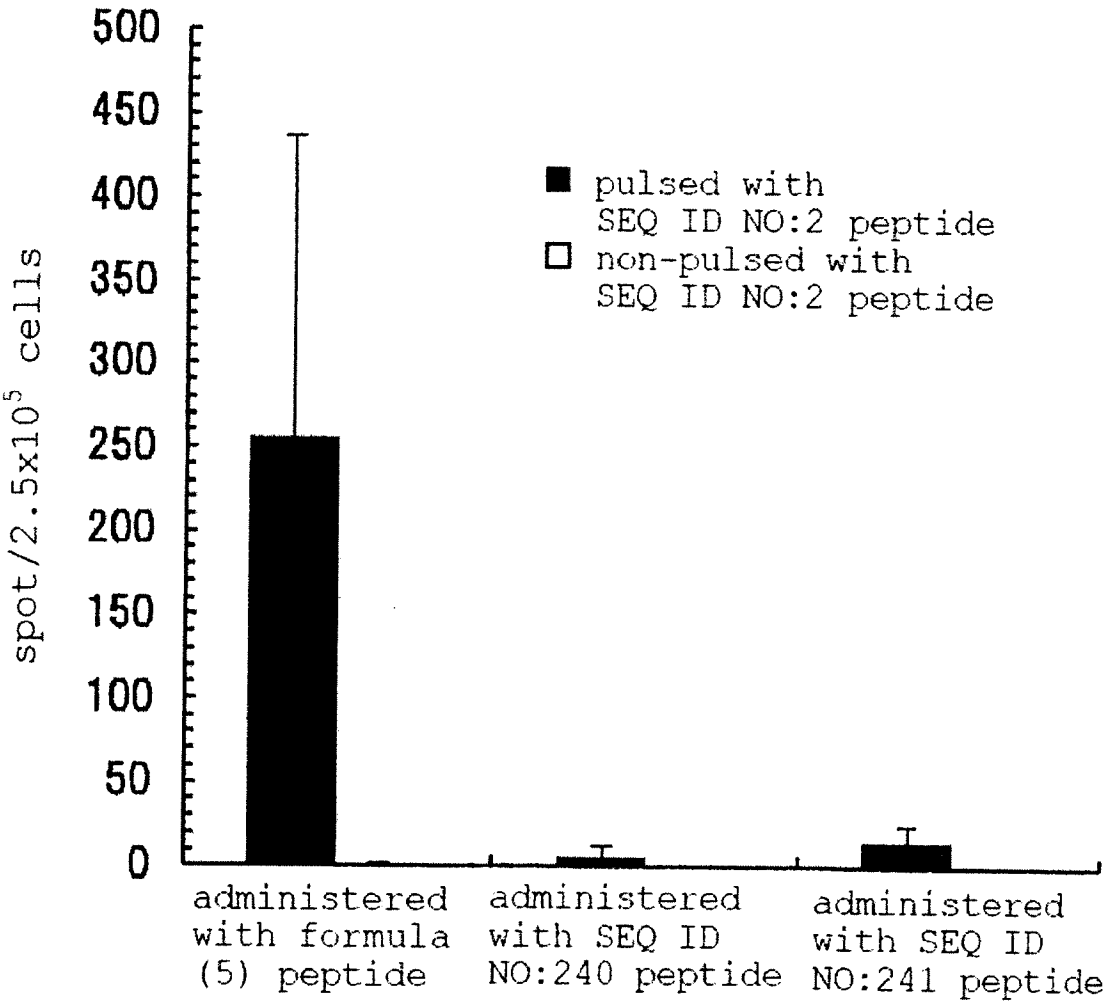

500
450
400
350
300
250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with formula (5) peptide
administered with SEQ ID NO:240 peptide
administered with SEQ ID NO:241 peptide

Fig. 16

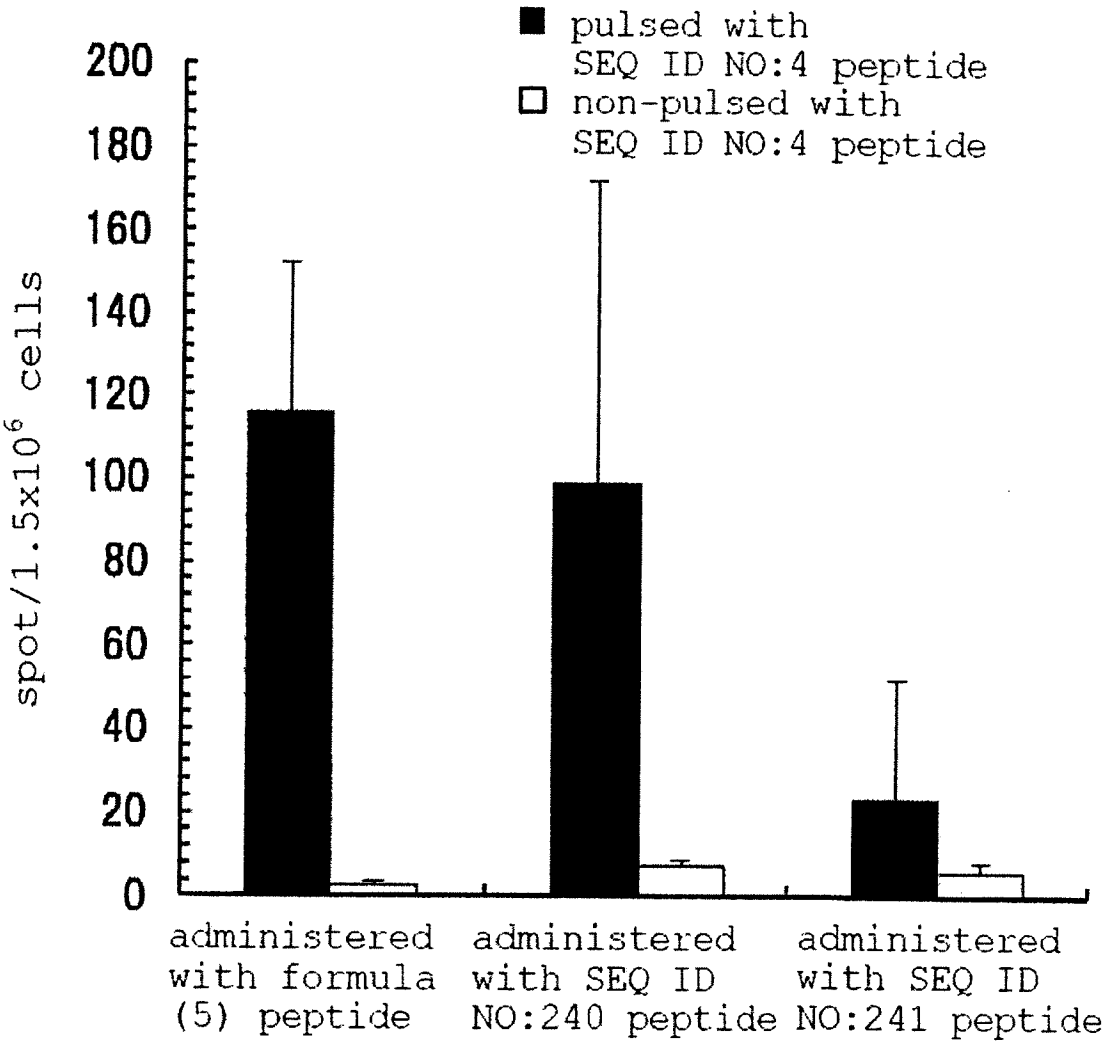

pulsed with SEQ ID NO:4 peptide
non-pulsed with SEQ ID NO:4 peptide
spot/1.5x10^6 cells
200
180
160
140
120
100
80
60
40
20
0
administered with formula (5) peptide
administered with SEQ ID NO:240 peptide
administered with SEQ ID NO:241 peptide

Fig. 17

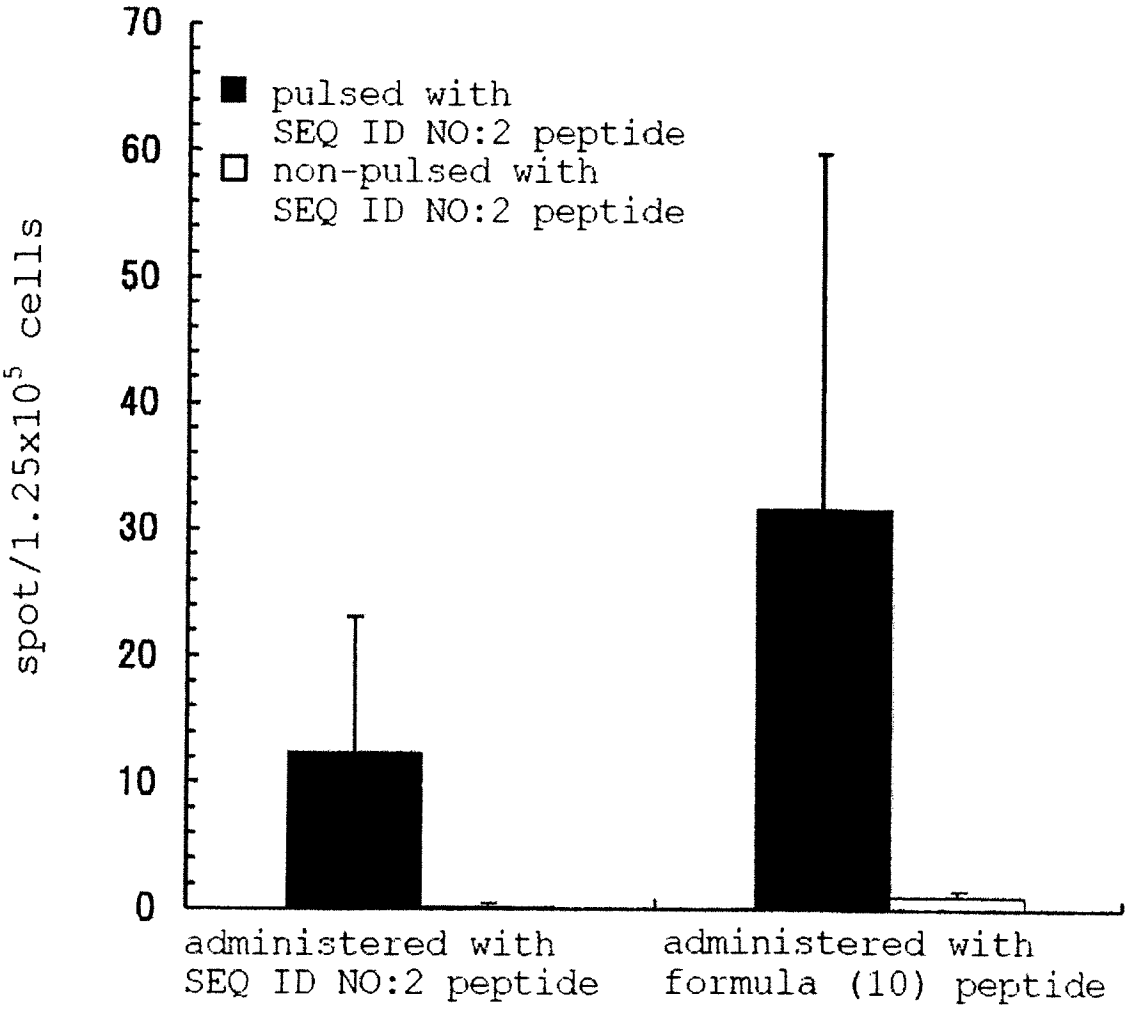

70
60
50
40
30
20
10
0
spot/1.25x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with SEQ ID NO:2 peptide
administered with formula (10) peptide

Fig. 18

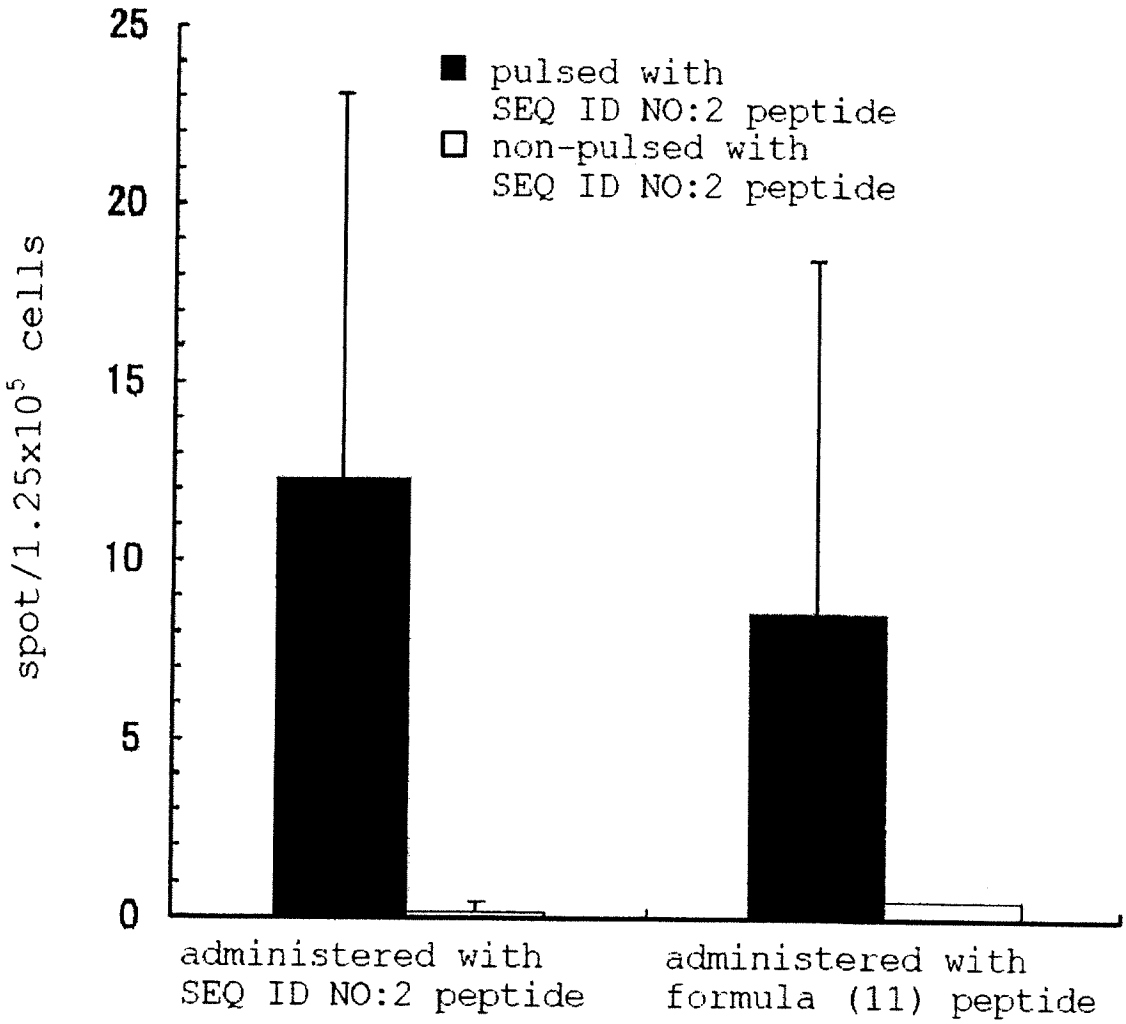

25
20
15
10
5
0
spot/1.25x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with SEQ ID NO:2 peptide
administered with formula (11) peptide

Fig. 19

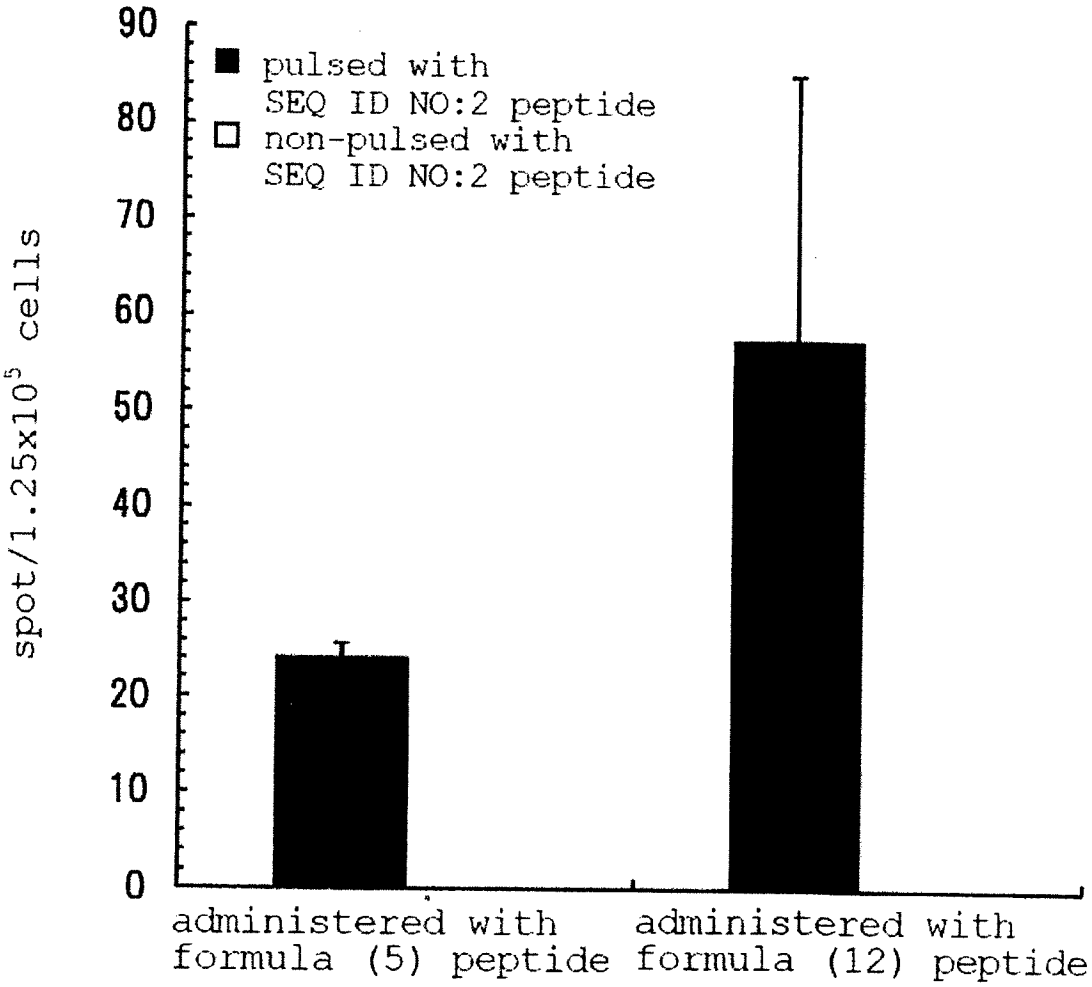

90
80
70
60
50
40
30
20
10
0
spot/1.25x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with formula (5) peptide
administered with formula (12) peptide

Fig. 20

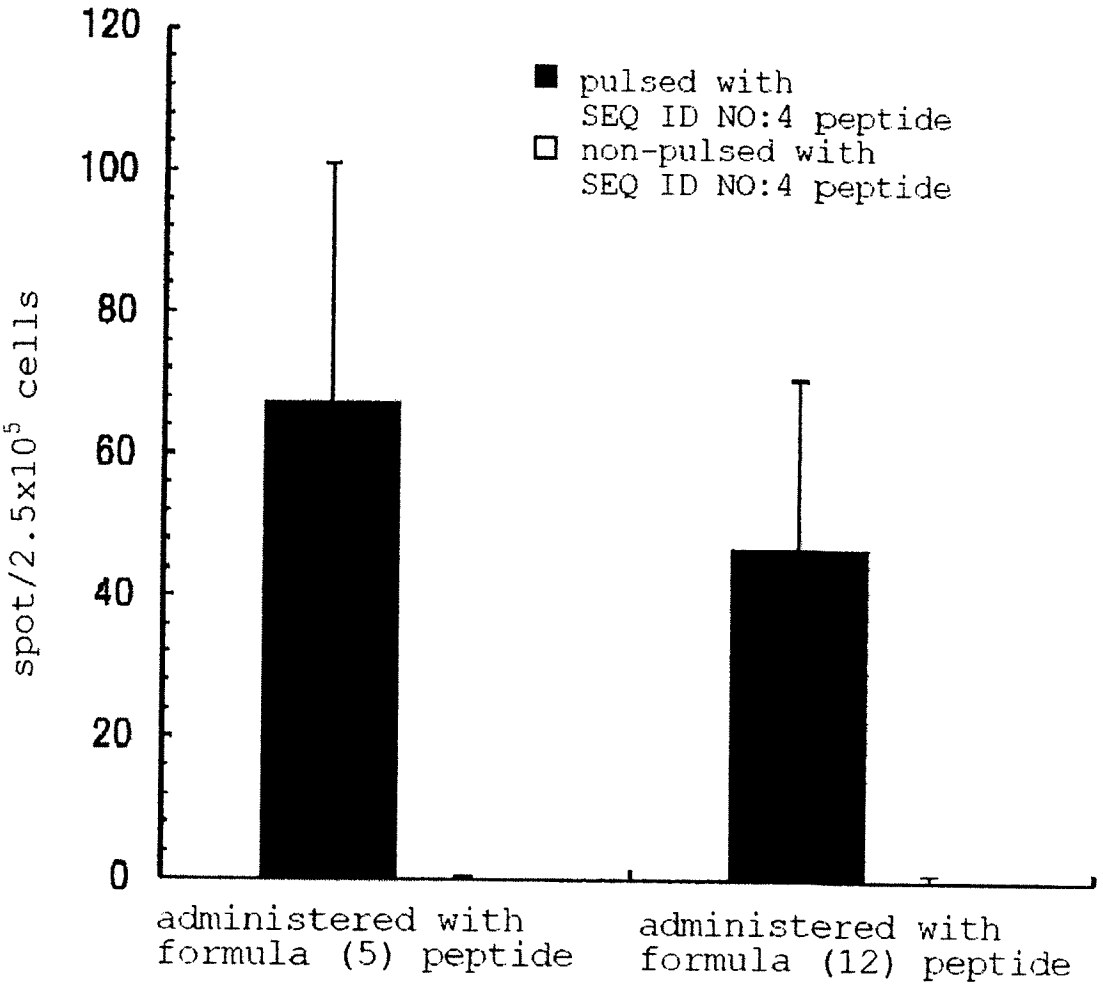

120
100
80
60
40
20
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:4 peptide
non-pulsed with SEQ ID NO:4 peptide
administered with formula (5) peptide
administered with formula (12) peptide

Fig. 21

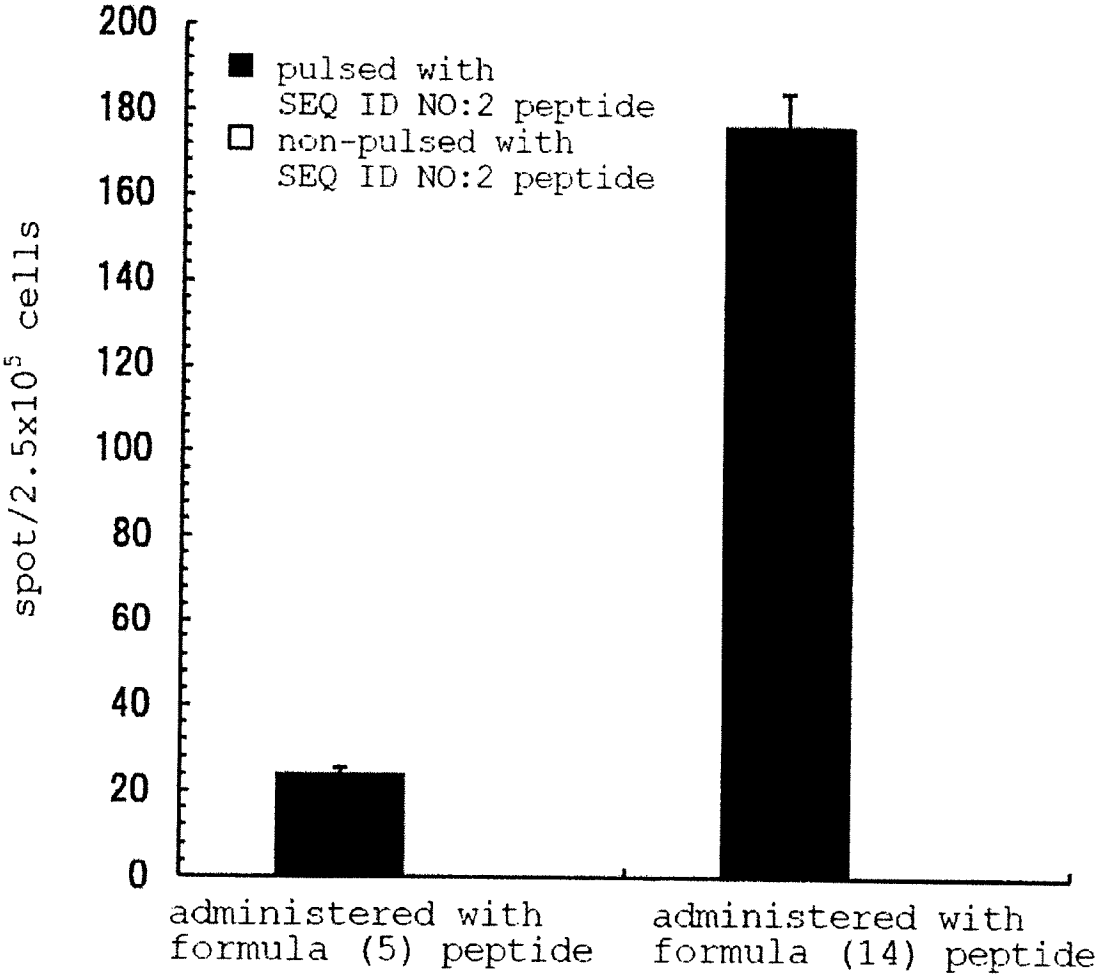

200
180
160
140
120
100
80
60
40
20
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with formula (5) peptide
administered with formula (14) peptide

Fig. 22

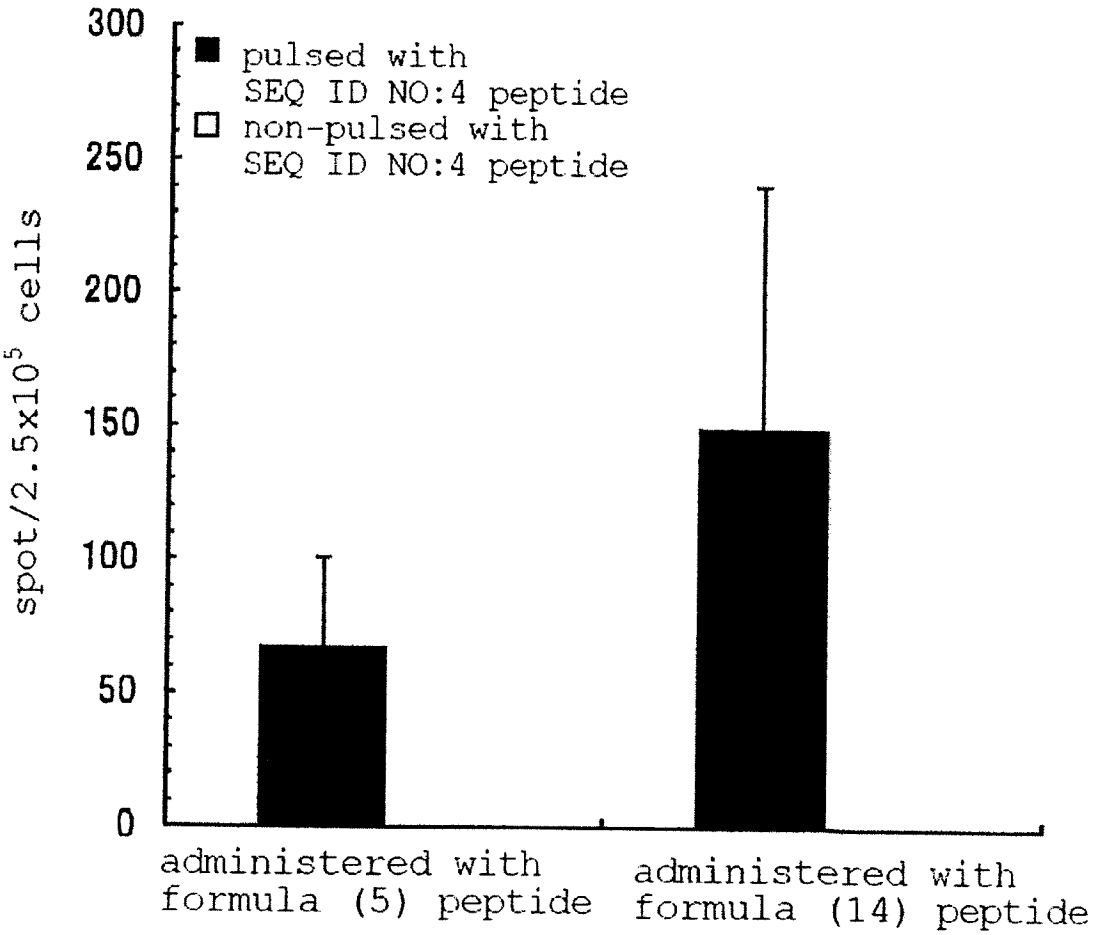

300
250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:4 peptide
non-pulsed with SEQ ID NO:4 peptide
administered with formula (5) peptide
administered with formula (14) peptide

Fig. 23

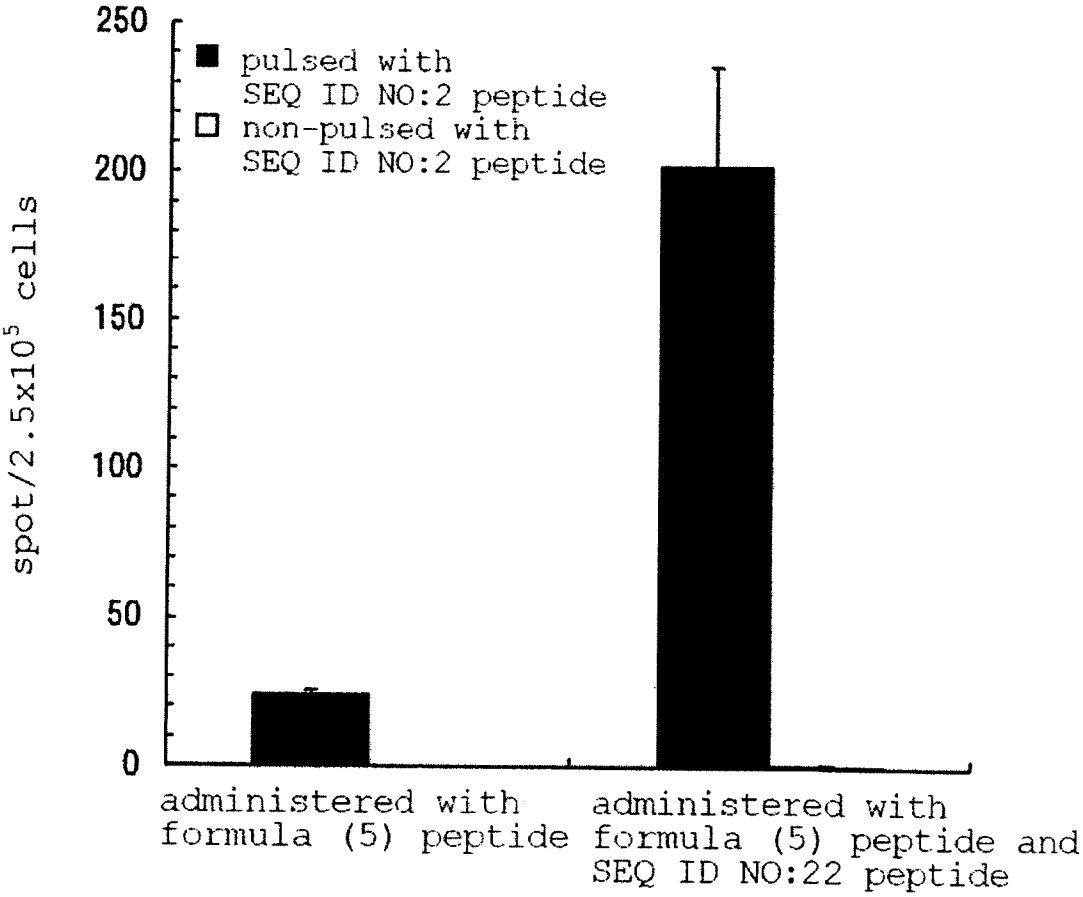

250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with formula (5) peptide
administered with formula (5) peptide and SEQ ID NO:22 peptide

Fig. 24

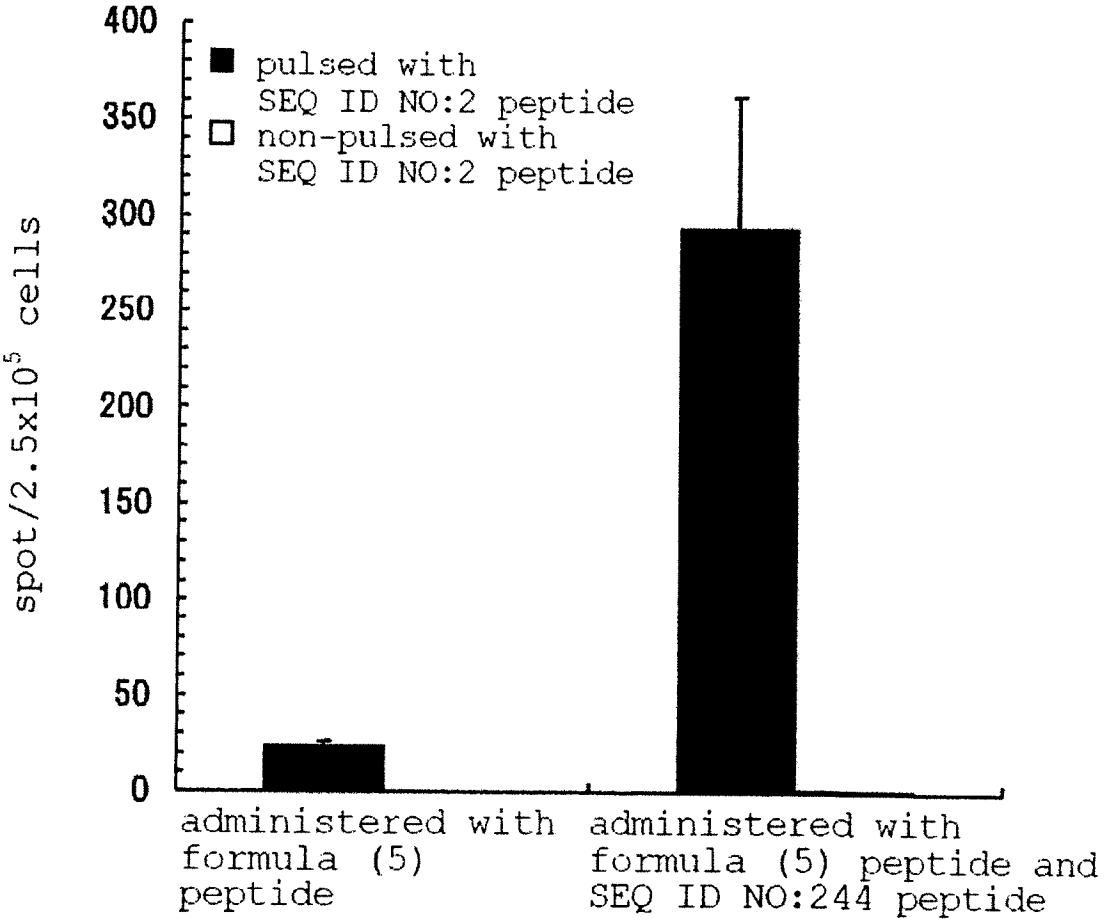

400
350
300
250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with formula (5) peptide
administered with formula (5) peptide and SEQ ID NO:244 peptide

Fig. 25

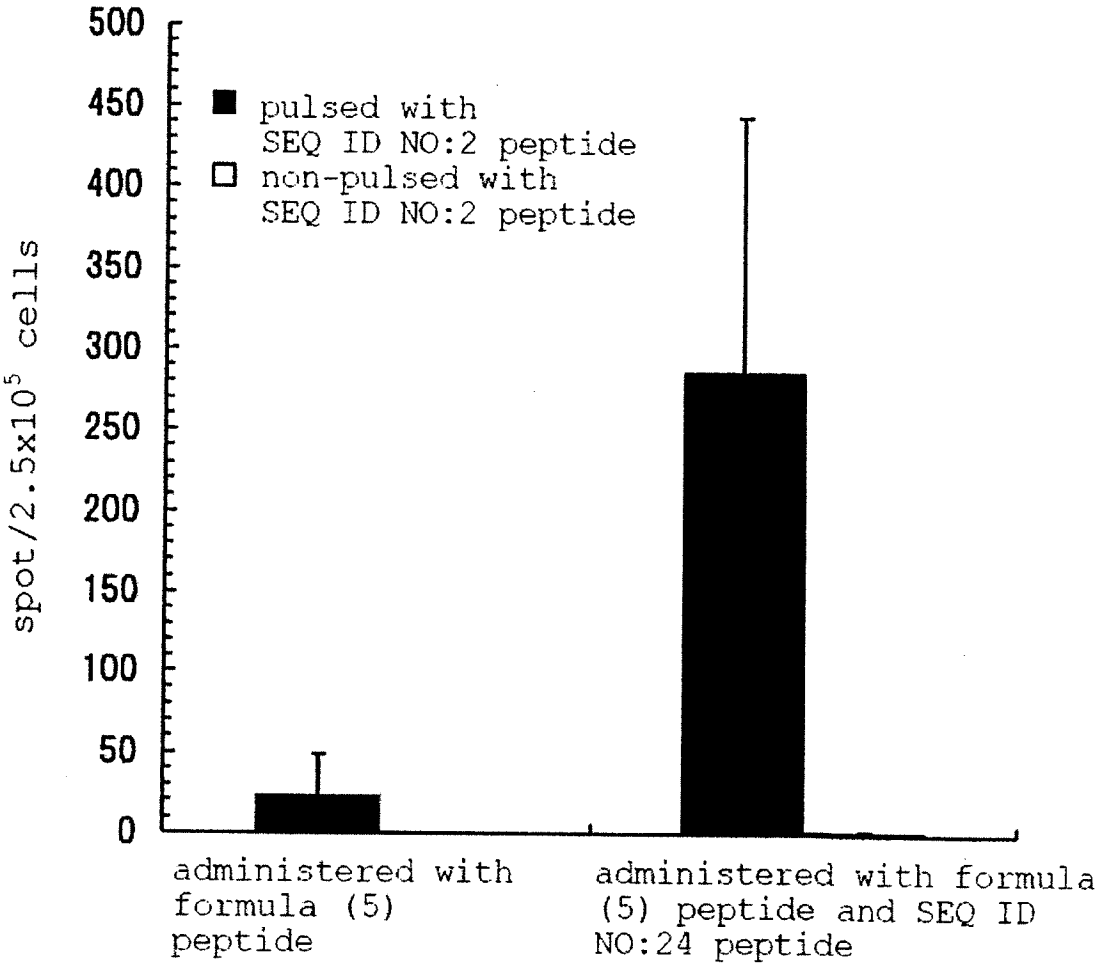

500
450
400
350
300
250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with formula (5) peptide
administered with formula (5) peptide and SEQ ID NO:24 peptide

Fig. 26

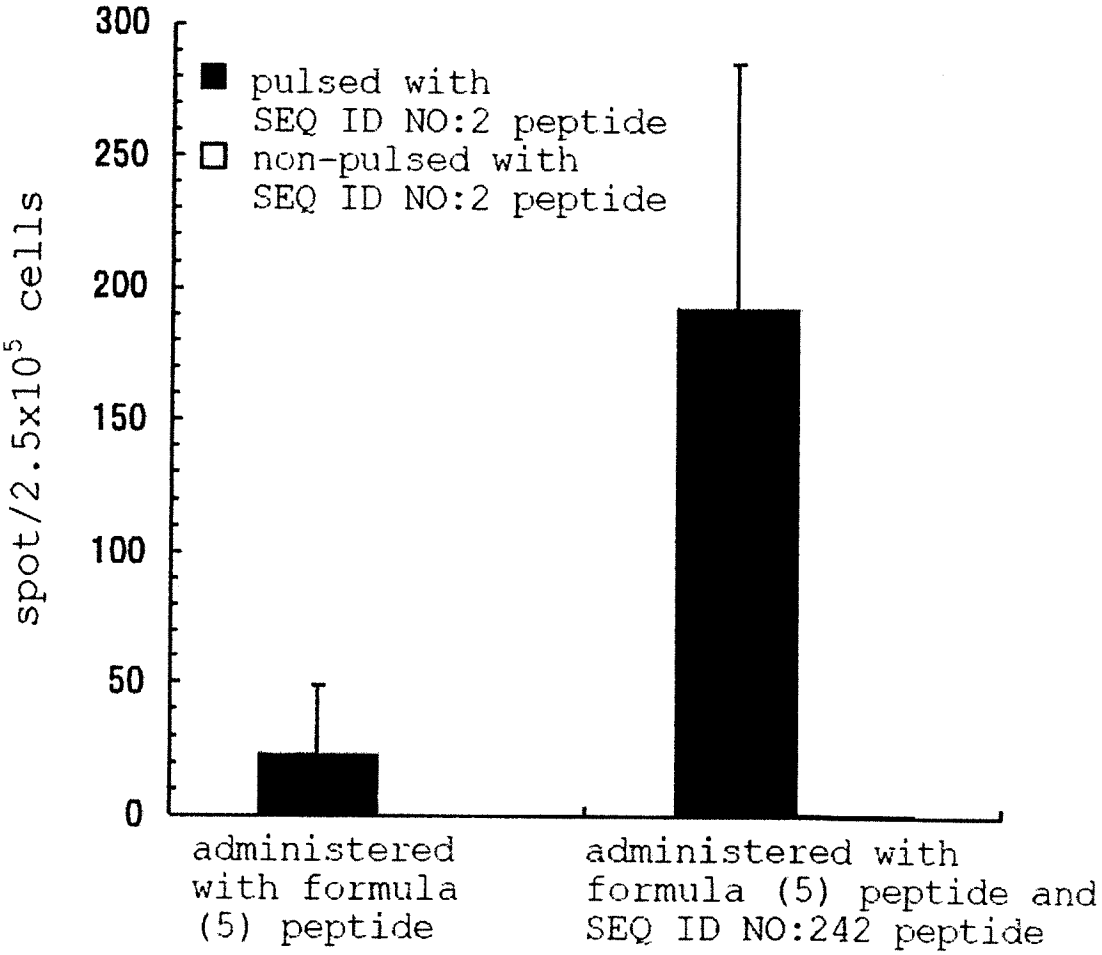
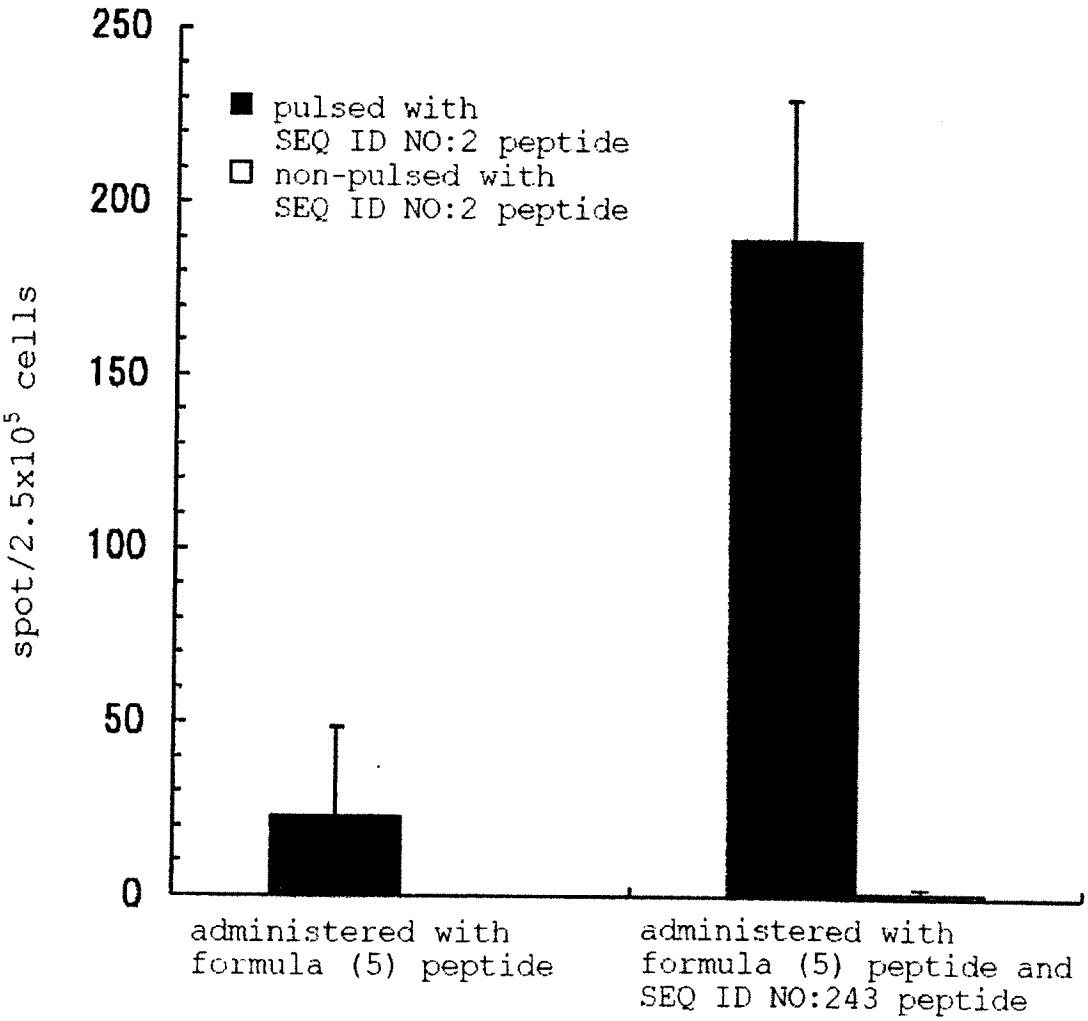

300
250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with formula (5) peptide
administered with formula (5) peptide and SEQ ID NO:242 peptide

Fig. 27


250
200
150
100
50
0
spot/2.5x10^5 cells
pulsed with SEQ ID NO:2 peptide
non-pulsed with SEQ ID NO:2 peptide
administered with formula (5) peptide
administered with formula (5) peptide and SEQ ID NO:243 peptide