FIG.1A

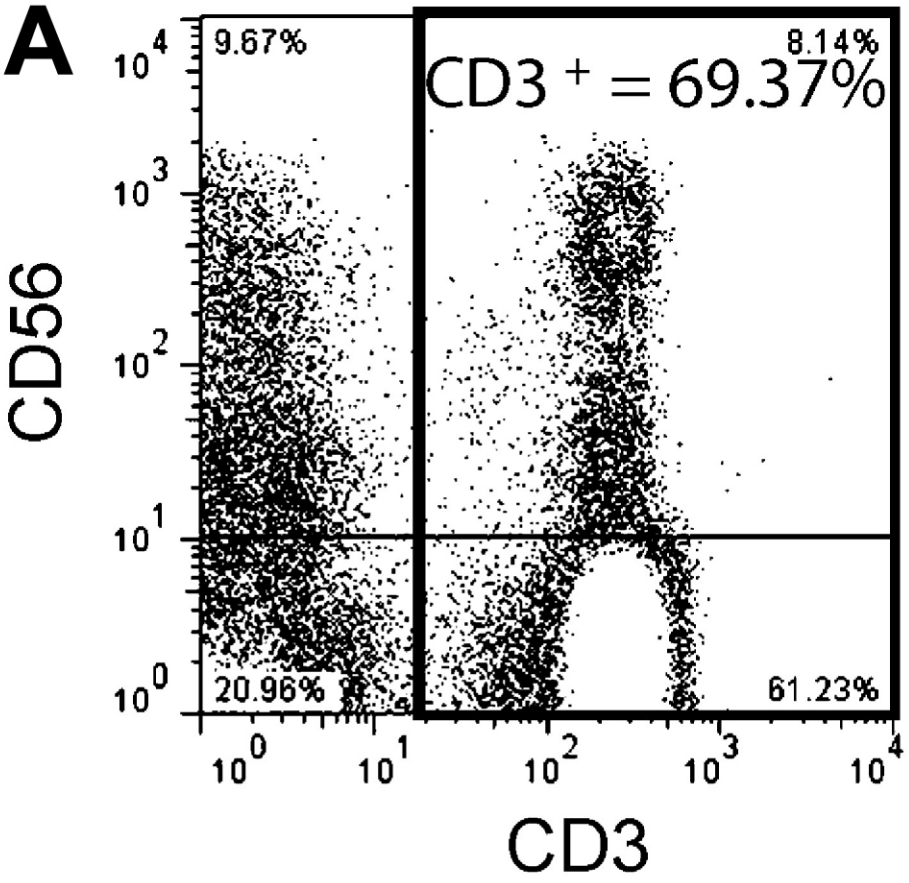

9.67%
8.14%
CD3 + = 69.37%
20.96%
61.23%
CD56
CD3
10^0
10^1
10^2
10^3
10^4

FIG.1B

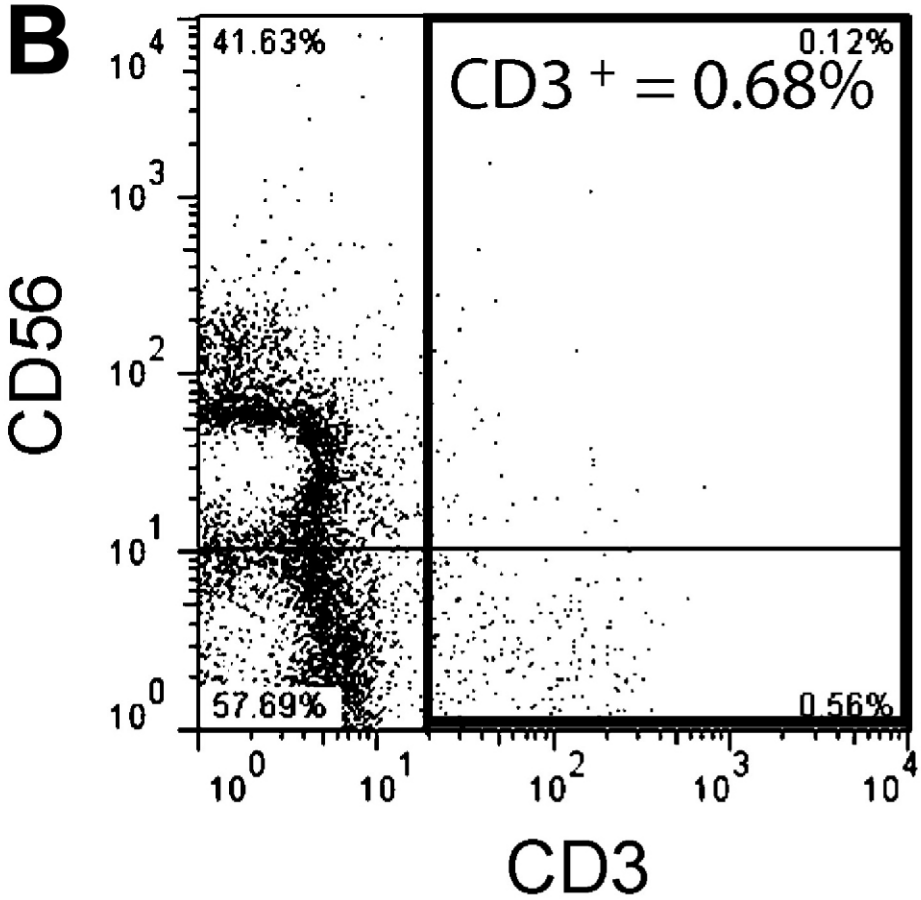

41.63%
0.12%
CD3 + = 0.68%
57.69%
0.56%
CD56
CD3
10^0
10^1
10^2
10^3
10^4

FIG.2A

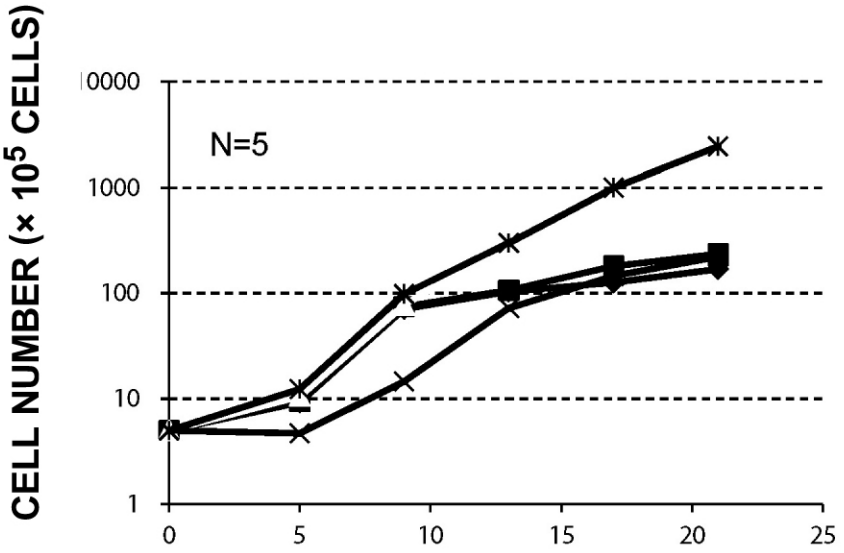


FIG.2B

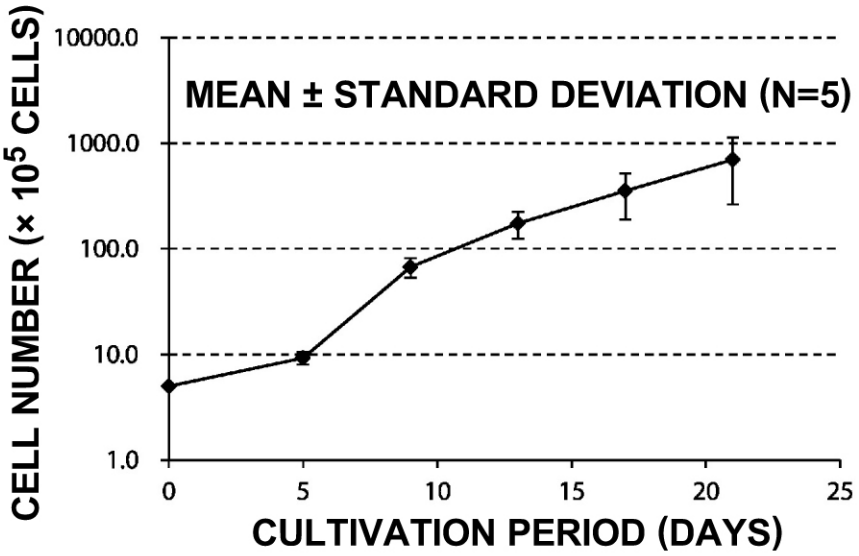


FIG.3A

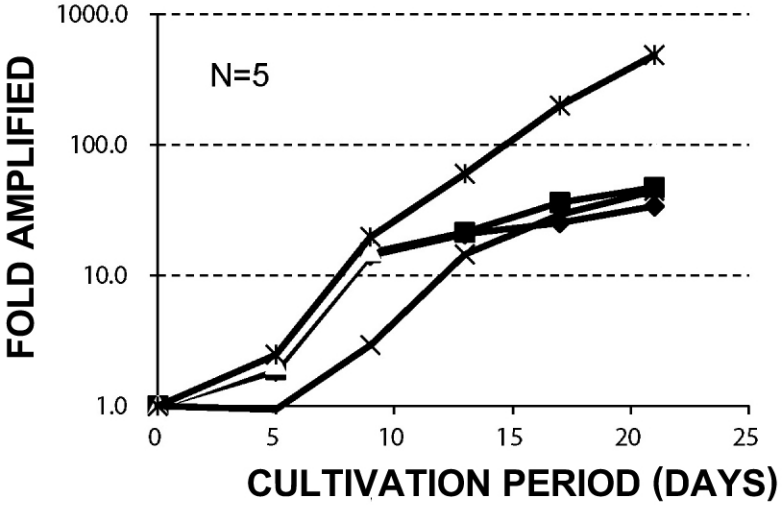


FIG.3B

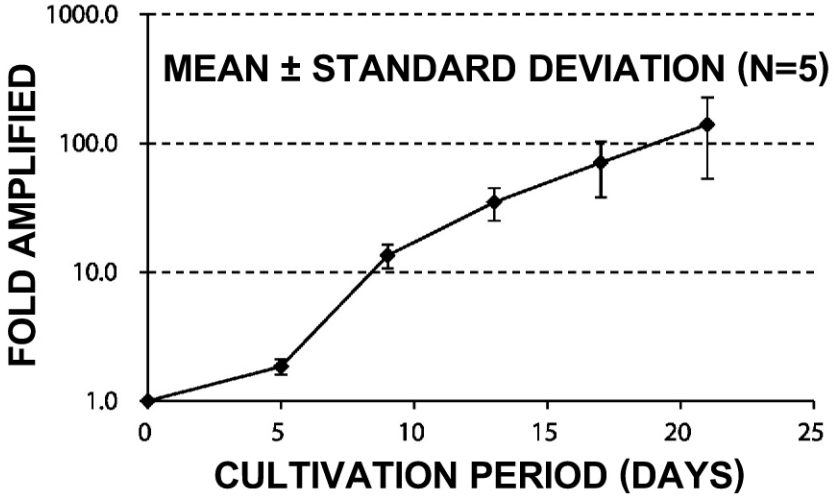


FIG.4A

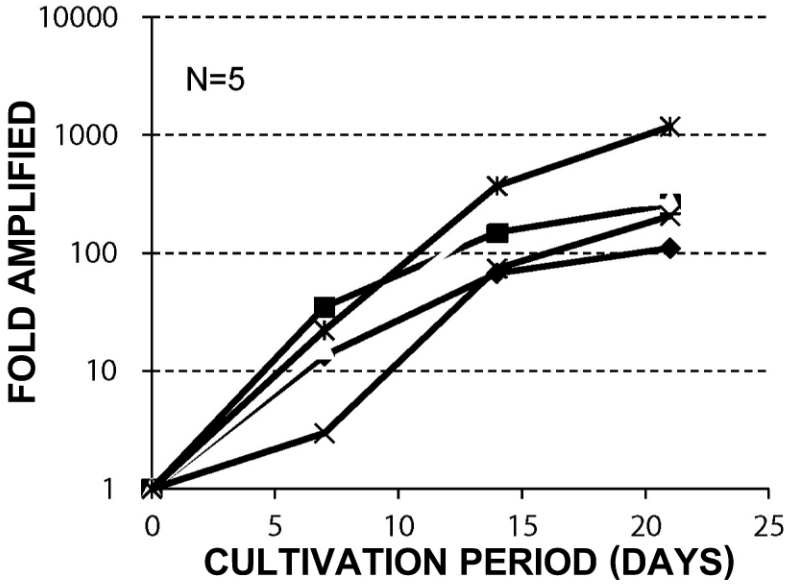


FIG.4B

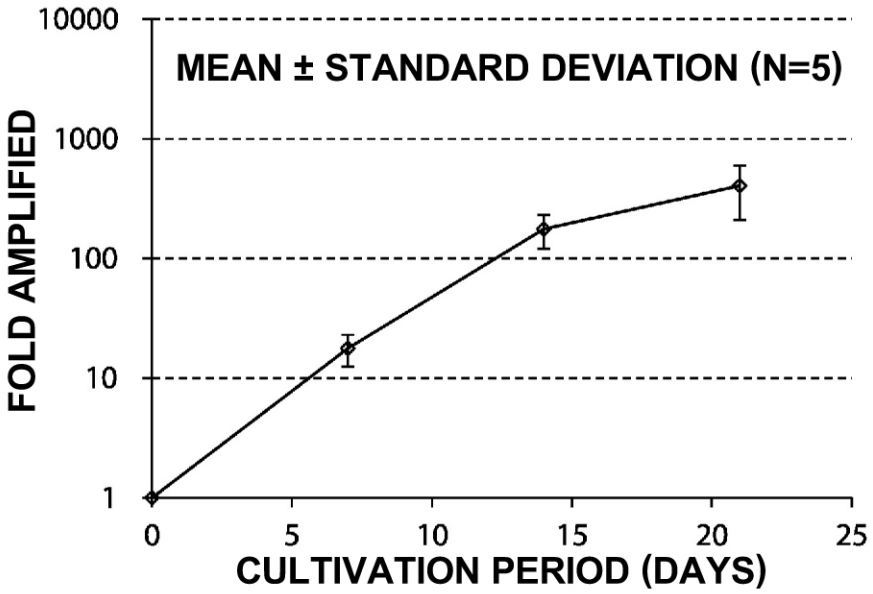


FIG.5A

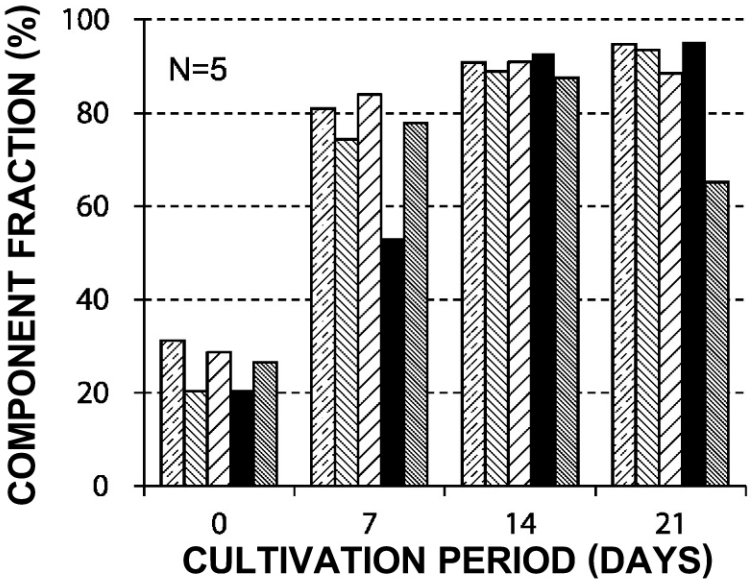

COMPONENT FRACTION (%)
100
80
60
40
20
0
N=5
0
7
14
21
CULTIVATION PERIOD (DAYS)

FIG.5B

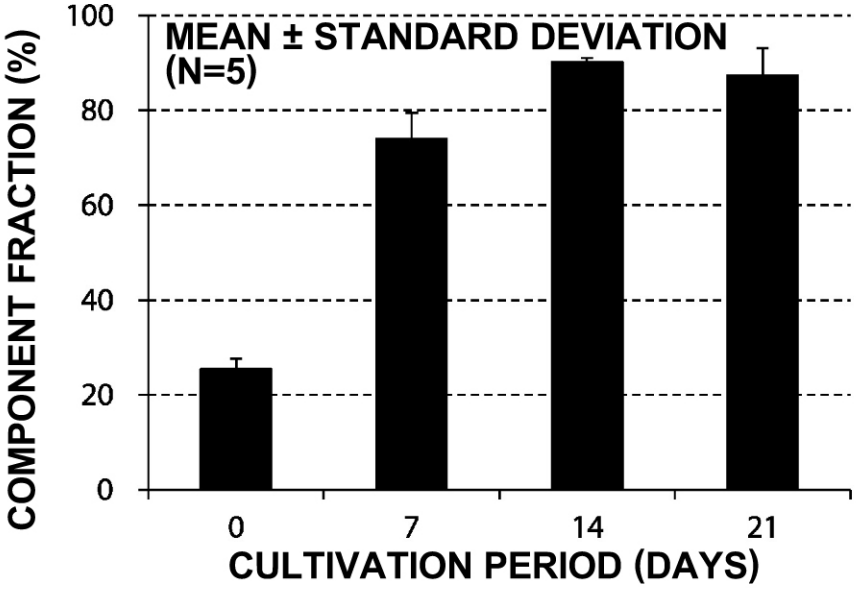

COMPONENT FRACTION (%)
100
80
60
40
20
0
MEAN ± STANDARD DEVIATION
(N=5)
0
7
14
21
CULTIVATION PERIOD (DAYS)

FIG.6A

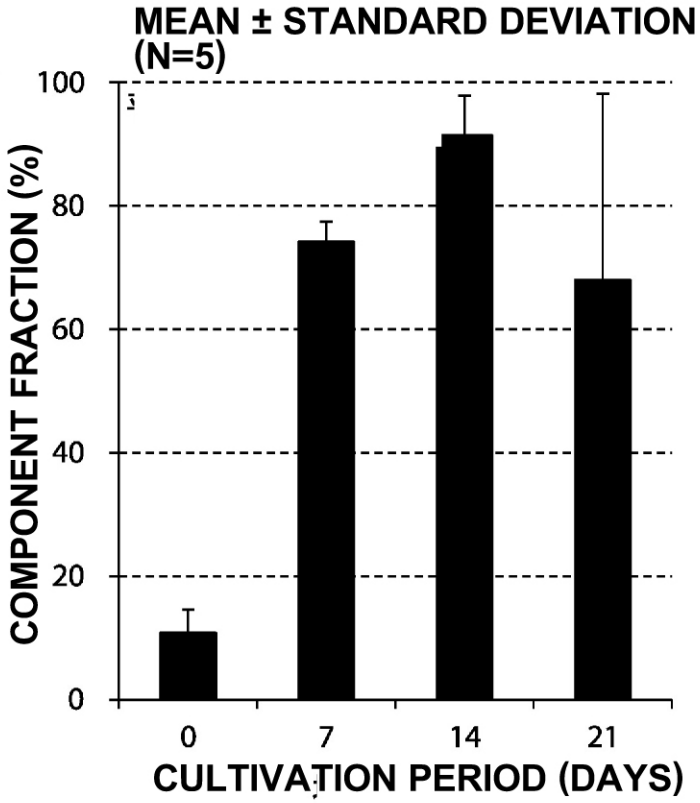

MEAN ± STANDARD DEVIATION
(N=5)
COMPONENT FRACTION (%)
100
80
60
40
20
0
0
7
14
21
CULTIVATION PERIOD (DAYS)

FIG.6B

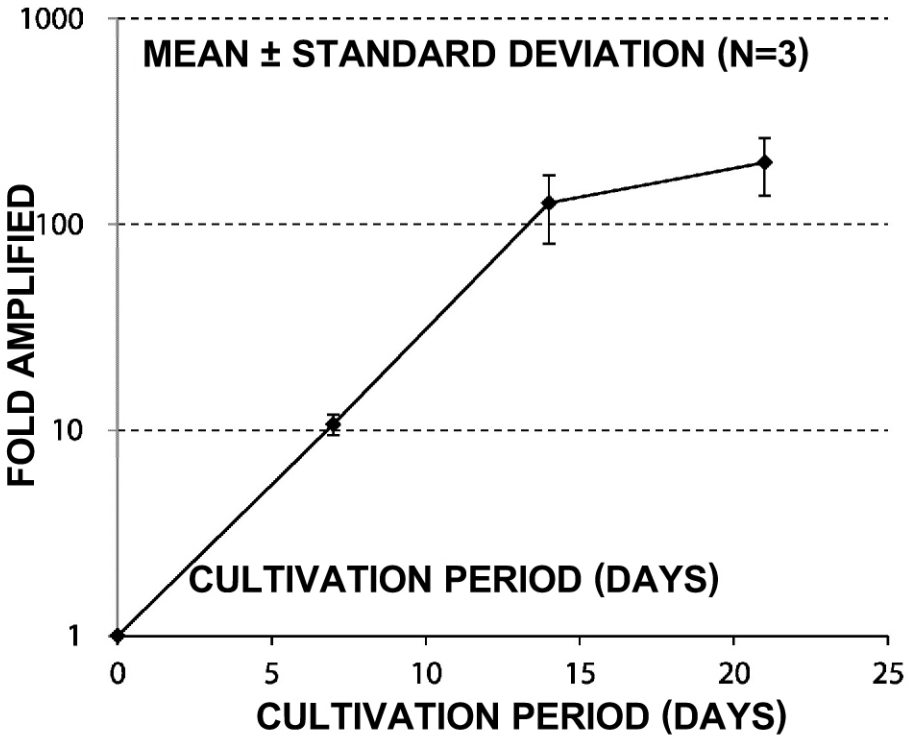

1000
MEAN ± STANDARD DEVIATION (N=3)
FOLD AMPLIFIED
100
10
1
CULTIVATION PERIOD (DAYS)
0
5
10
15
20
25
CULTIVATION PERIOD (DAYS)

FIG.7

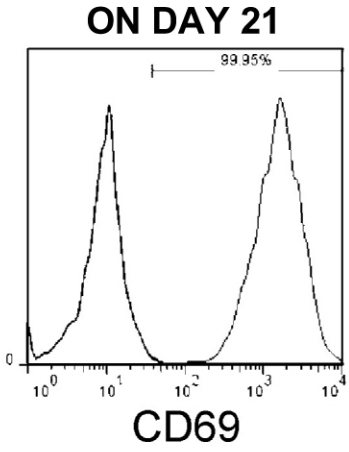


FIG.8

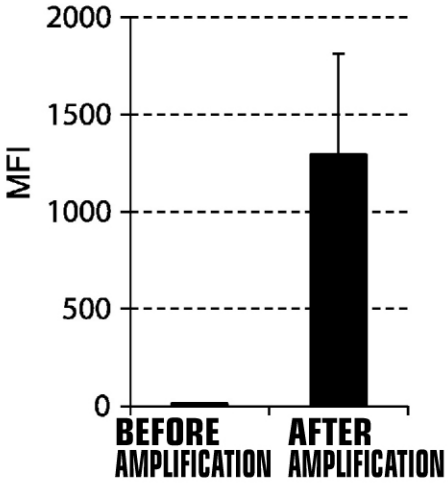


FIG.9

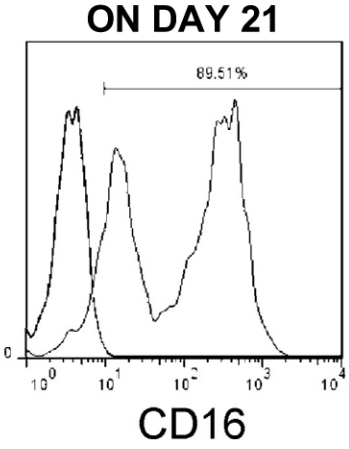


FIG.10

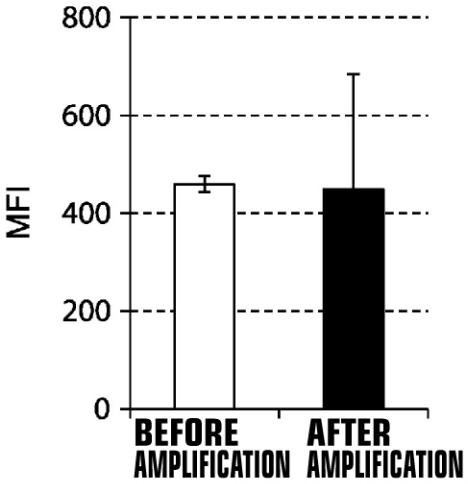

800
600
400
200
0
MFI
BEFORE AMPLIFICATION
AFTER AMPLIFICATION

FIG.11

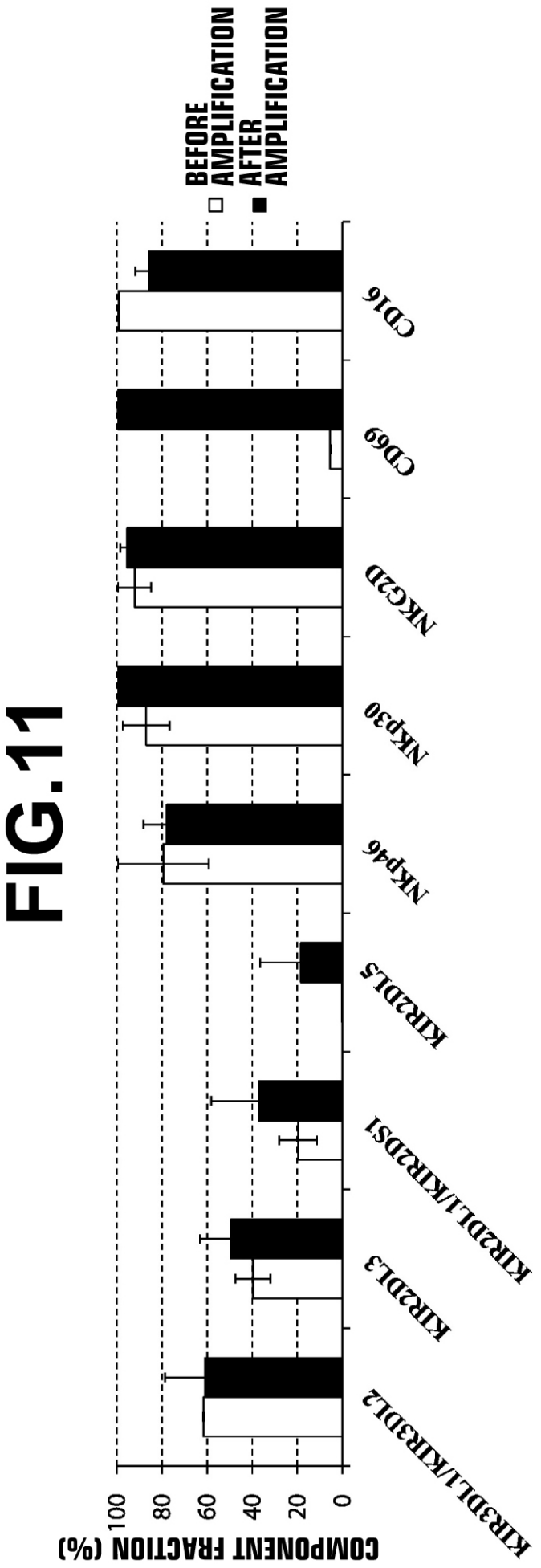

BEFORE AMPLIFICATION
AFTER AMPLIFICATION
COMPONENT FRACTION (%)
0
20
40
60
80
100
KIR3DL1/KIR3DL2
KIR2DL3
KIR2DL1/KIR2DS1
KIR2DL5
NKp46
NKp30
NKG2D
CD69
CD16

FIG.12

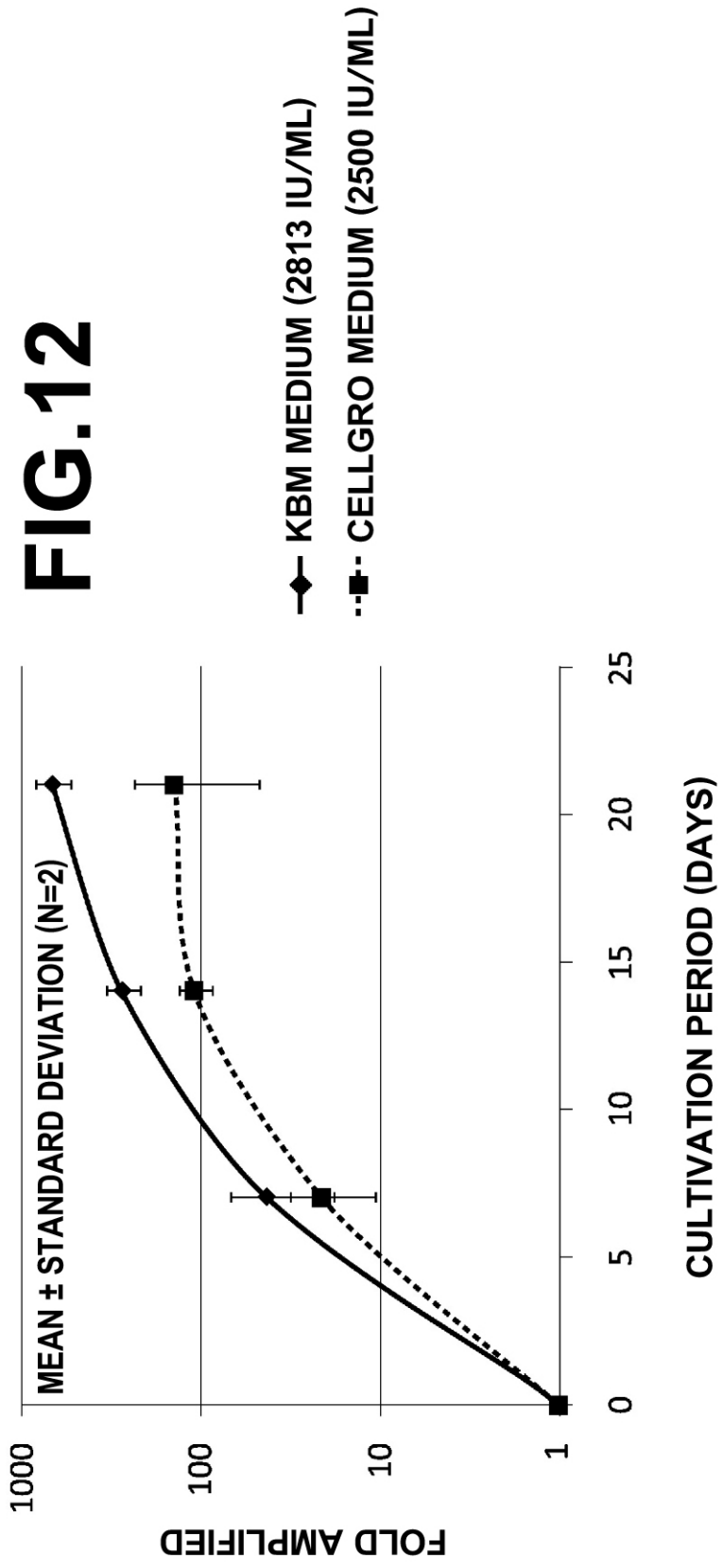

KBM MEDIUM (2813 IU/ML)
CELLGRO MEDIUM (2500 IU/ML)
MEAN ± STANDARD DEVIATION (N=2)
FOLD AMPLIFIED
1000
100
10
1
0
5
10
15
20
25
CULTIVATION PERIOD (DAYS)

FIG.13

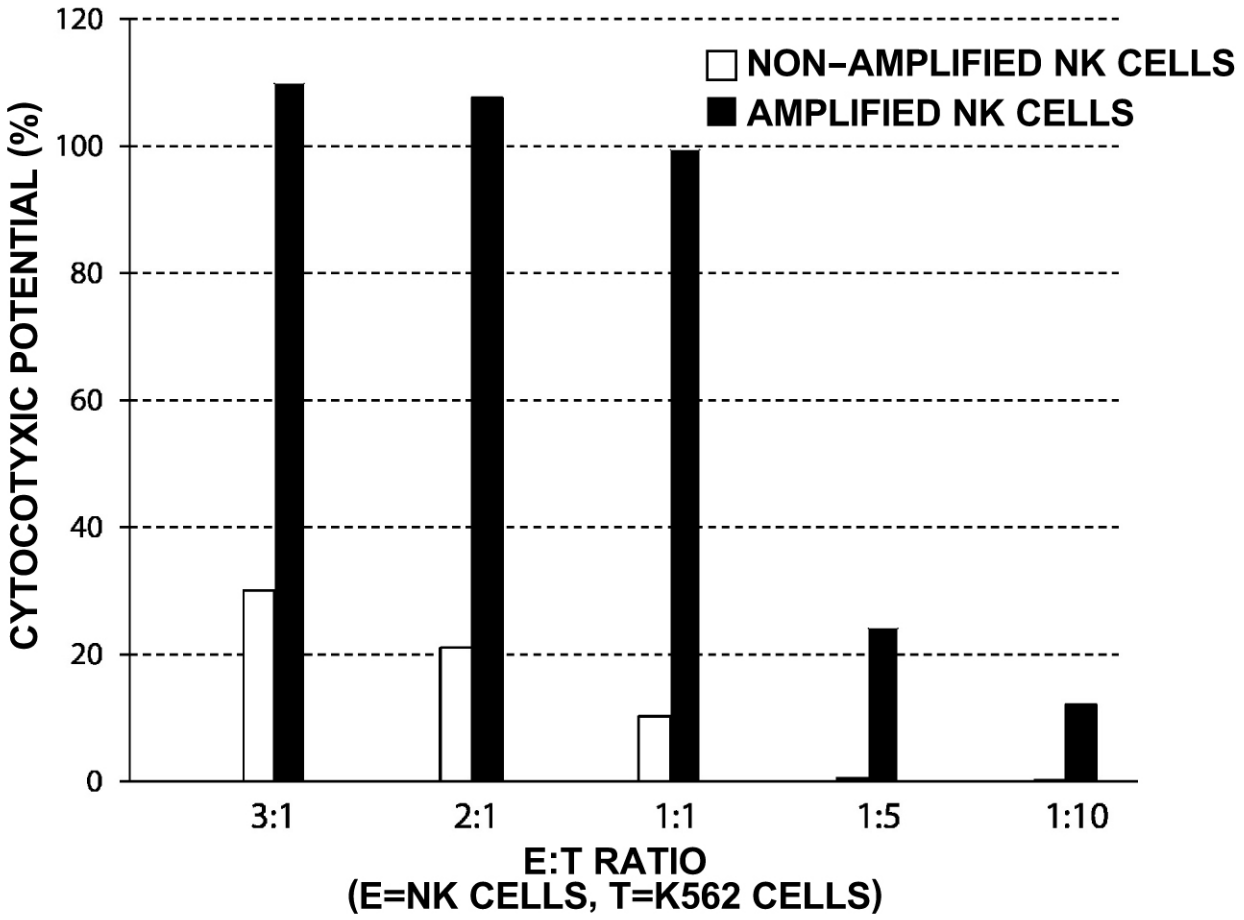
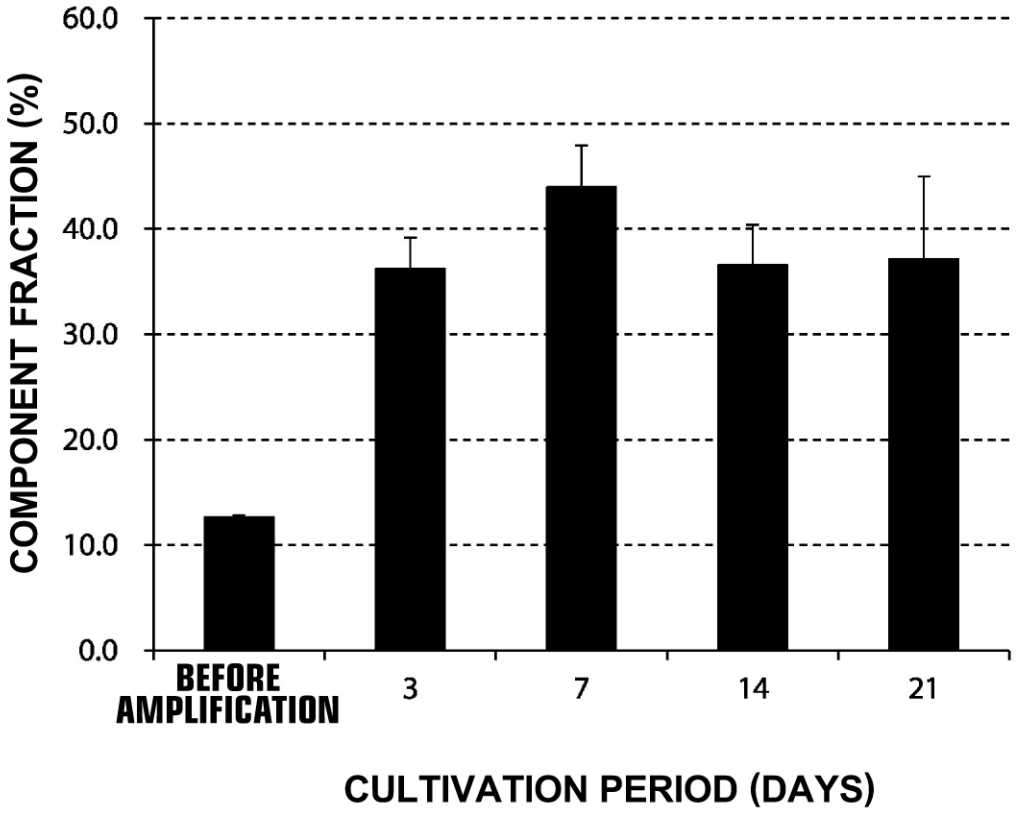

120
100
80
60
40
20
0
CYTOCOTYXIC POTENTIAL (%)
NON-AMPLIFIED NK CELLS
AMPLIFIED NK CELLS
3:1
2:1
1:1
1:5
1:10
E:T RATIO
(E=NK CELLS, T=K562 CELLS)

FIG.14


60.0
50.0
40.0
30.0
20.0
10.0
0.0
COMPONENT FRACTION (%)
BEFORE AMPLIFICATION
3
7
14
21
CULTIVATION PERIOD (DAYS)

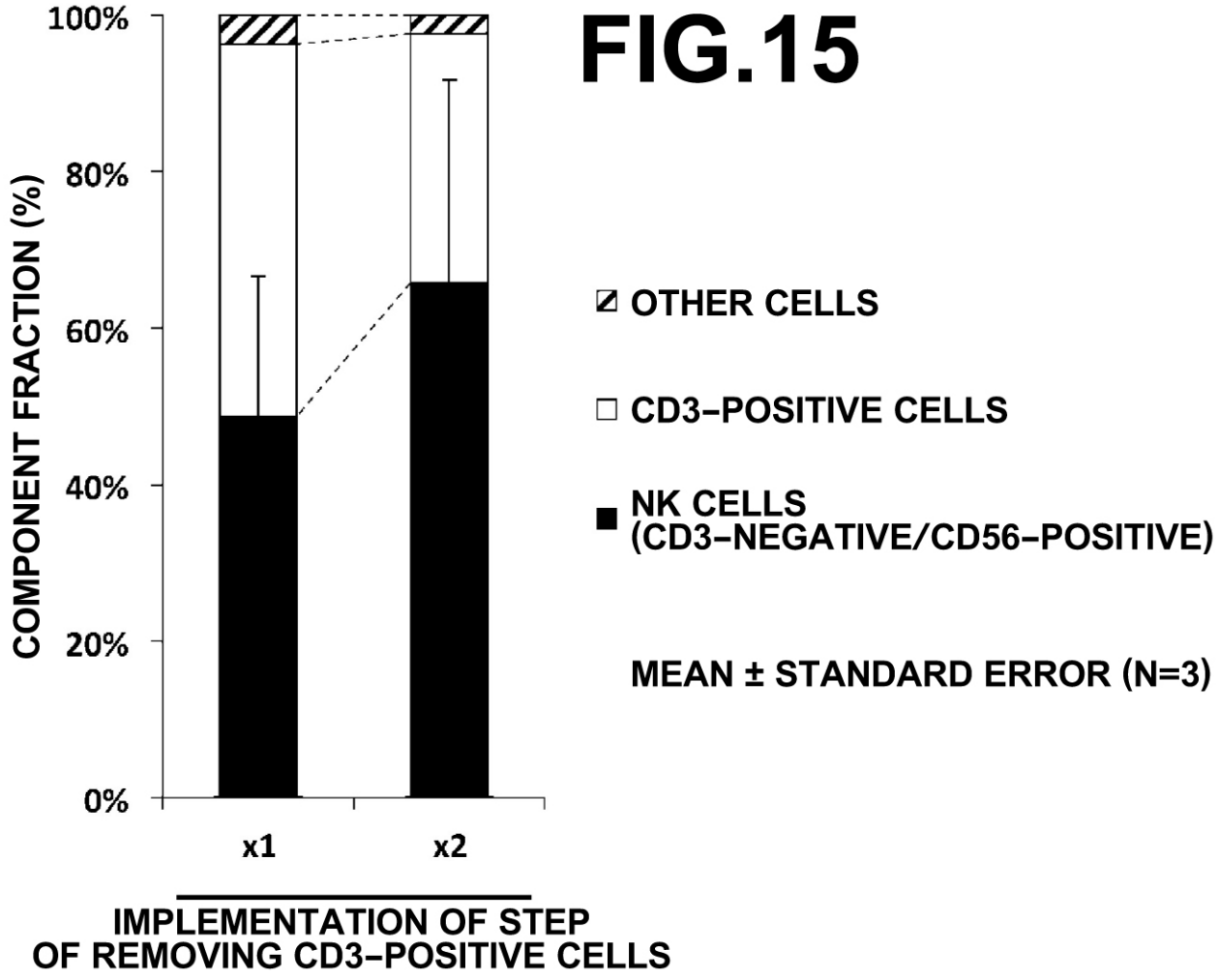

100%
80%
60%
40%
20%
0%
COMPONENT FRACTION (%)
x1
x2
IMPLEMENTATION OF STEP
OF REMOVING CD3-POSITIVE CELLS
OTHER CELLS
CD3-POSITIVE CELLS
NK CELLS
(CD3-NEGATIVE/CD56-POSITIVE)
MEAN ± STANDARD ERROR (N=3)

FIG.15

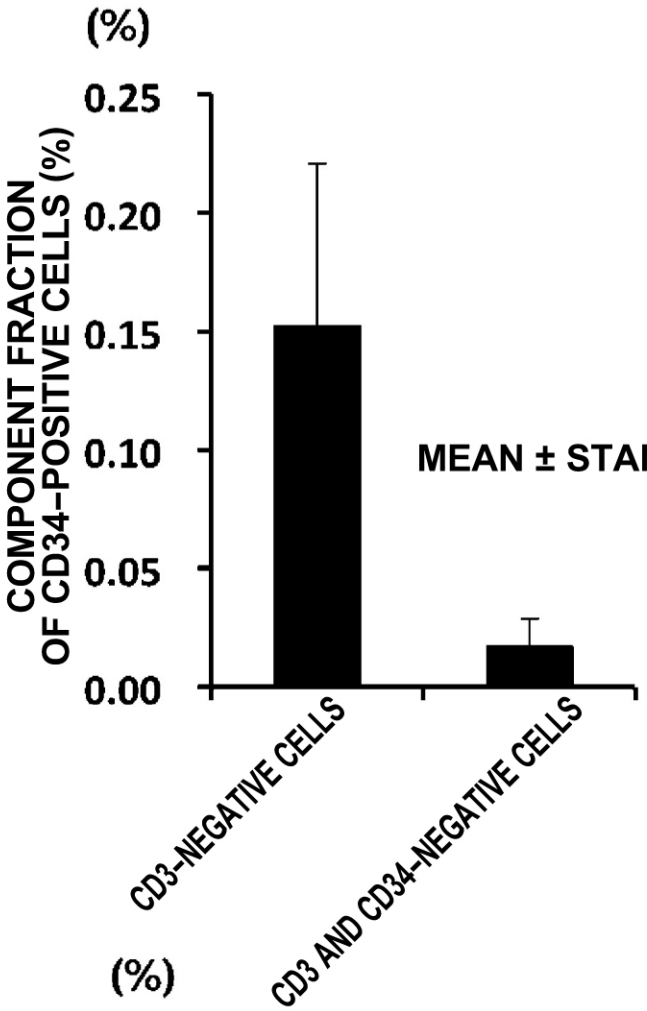


FIG.16A

MEAN ± STANDARD ERROR (N=3)

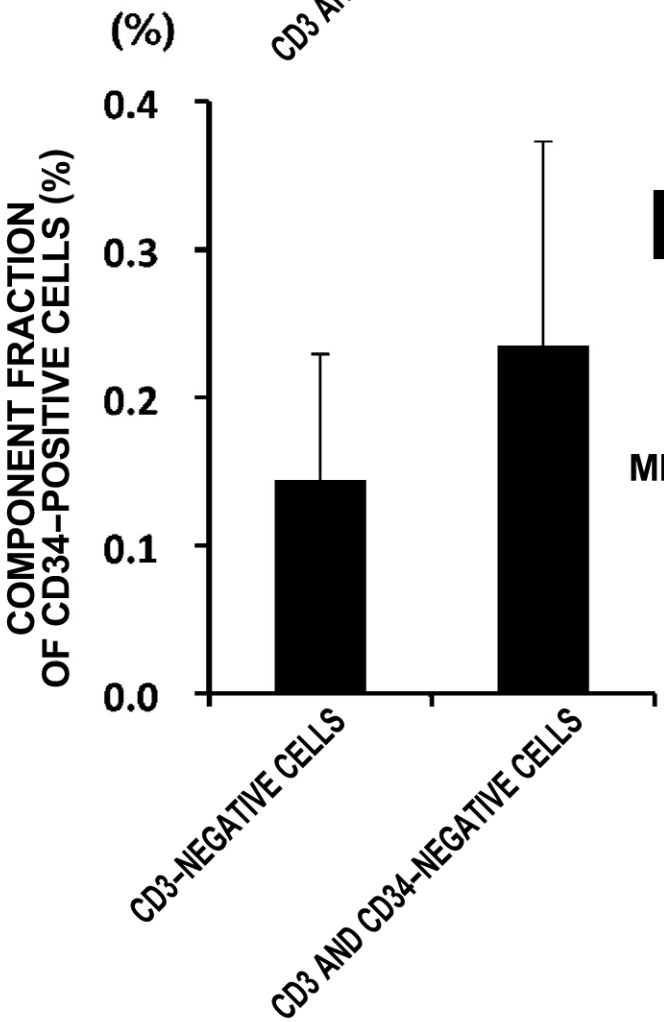


FIG.16B

MEAN ± STANDARD ERROR (N=3)

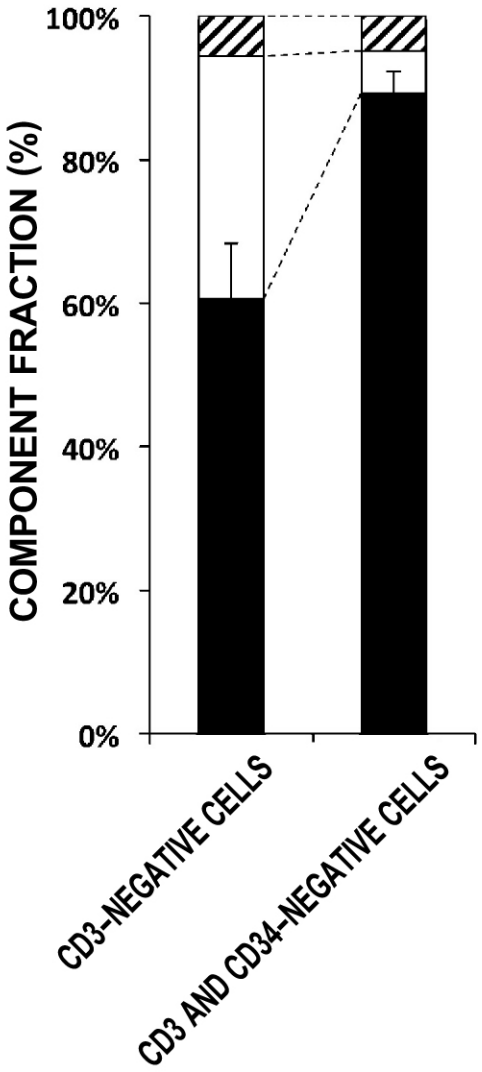


FIG.17

▨ OTHER CELLS

□ CD3-POSITIVE CELLS

■ NK CELLS (CD3-NEGATIVE/CD56-POSITIVE)

MEAN ± STANDARD ERROR (N=3)