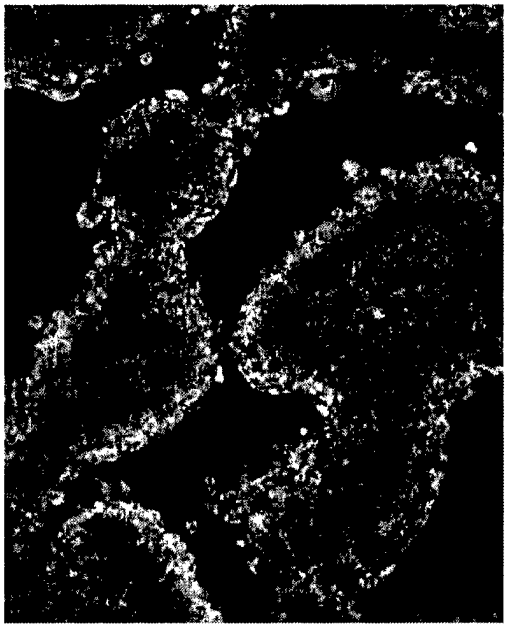


FIG. 1A

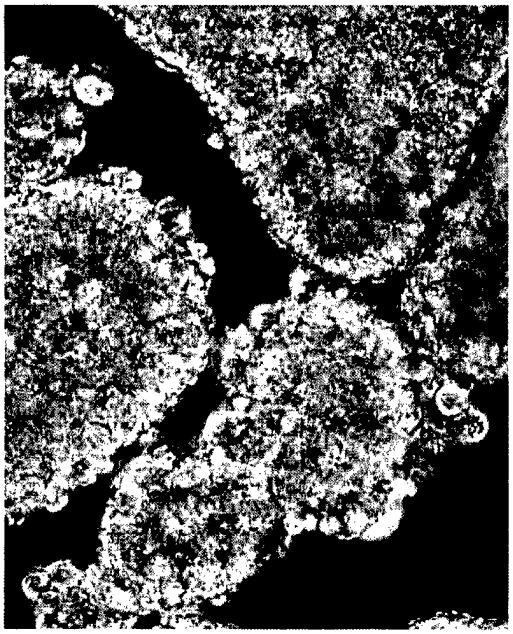


FIG. 1B



FIG. 1C

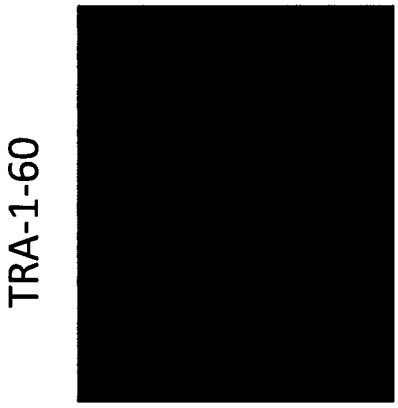


FIG. 2C

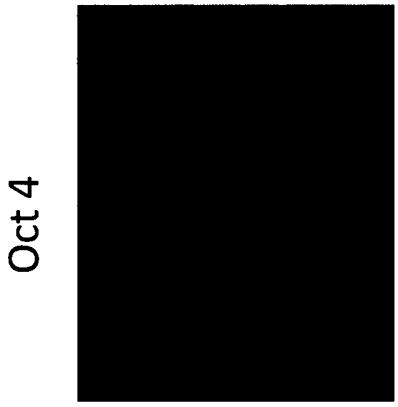


FIG. 2A

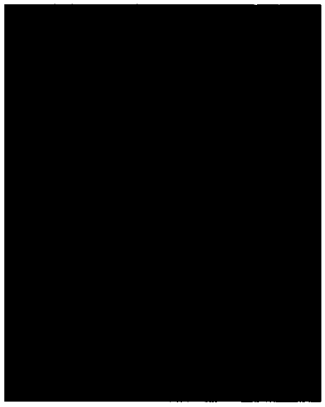


FIG. 2D

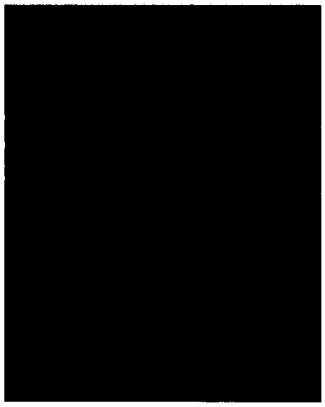


FIG. 2B

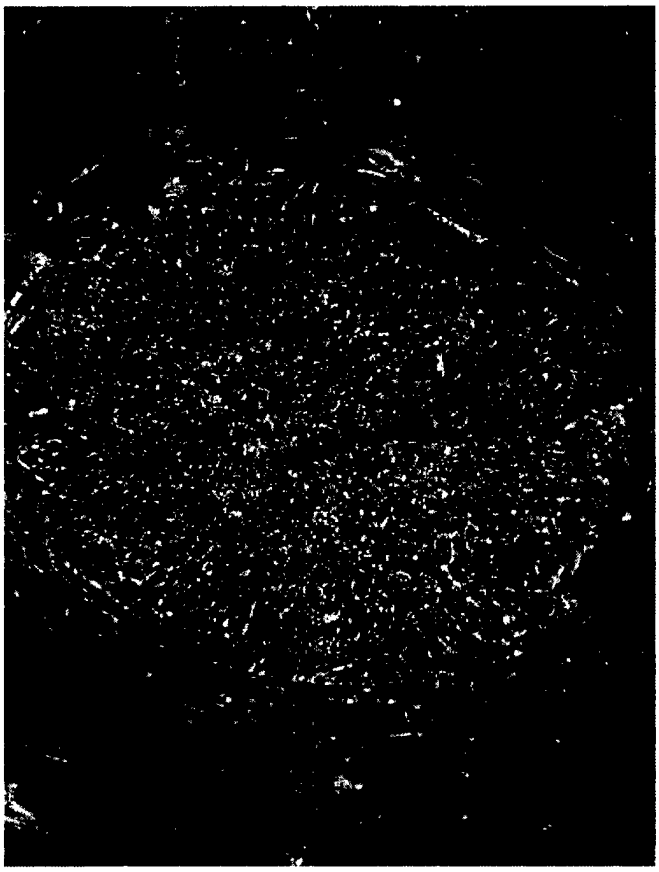


FIG. 3A

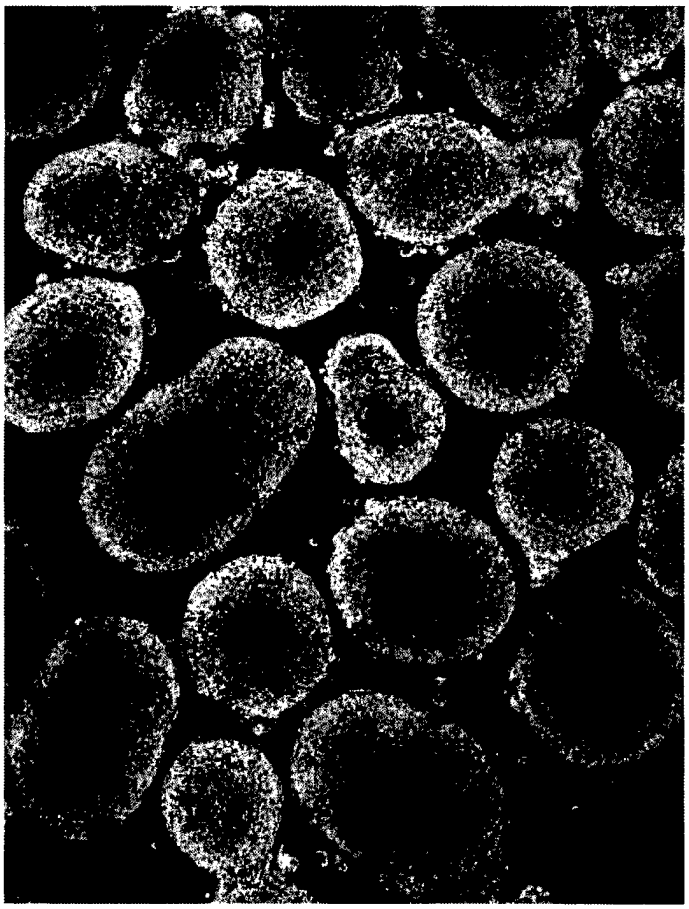


FIG. 3B

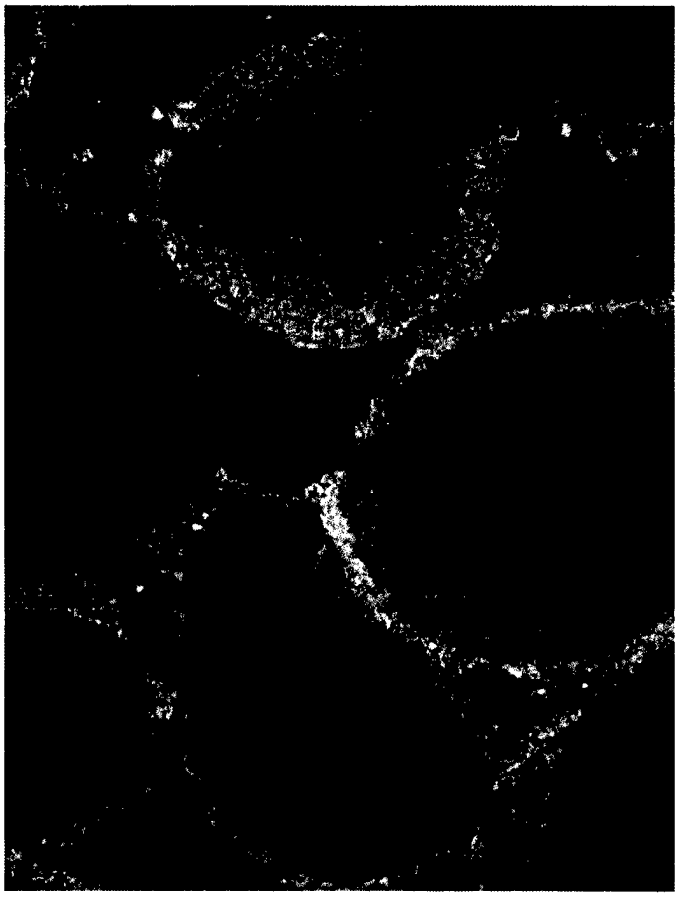


FIG. 3C

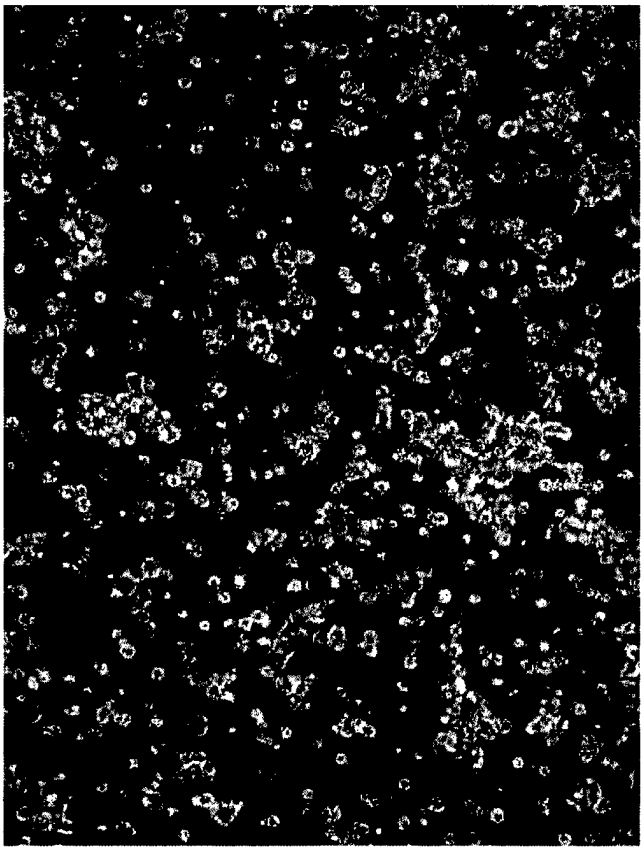


FIG. 4A

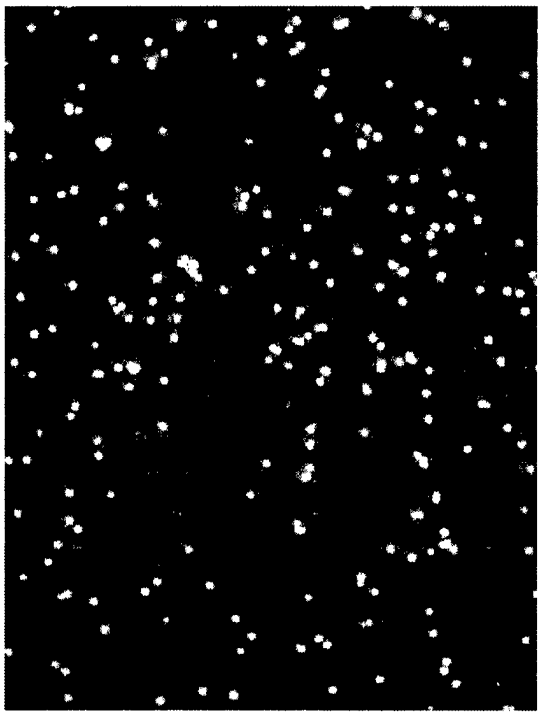


FIG. 4B

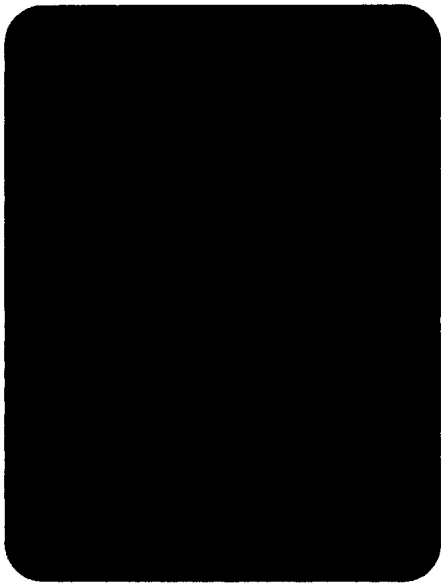


FIG. 5C

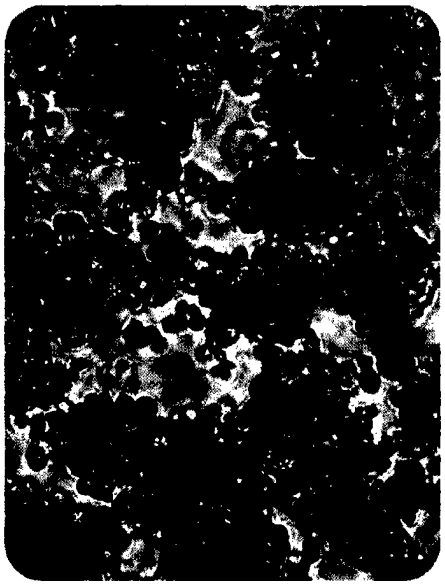


FIG. 5B

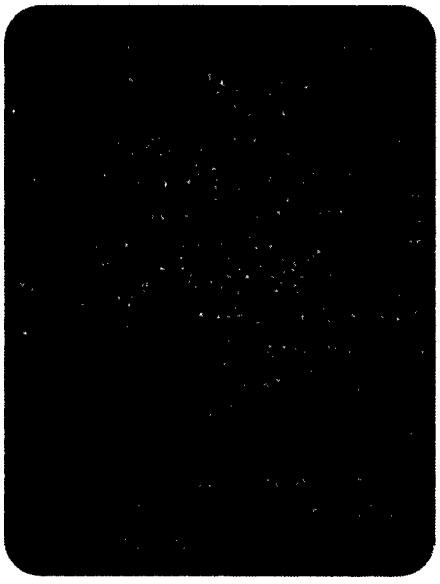


FIG. 5A

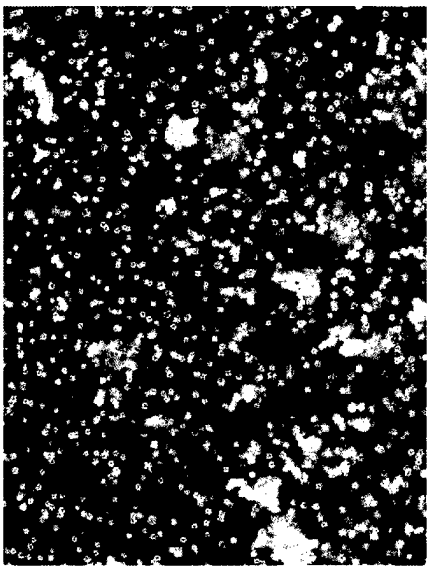


FIG. 6C

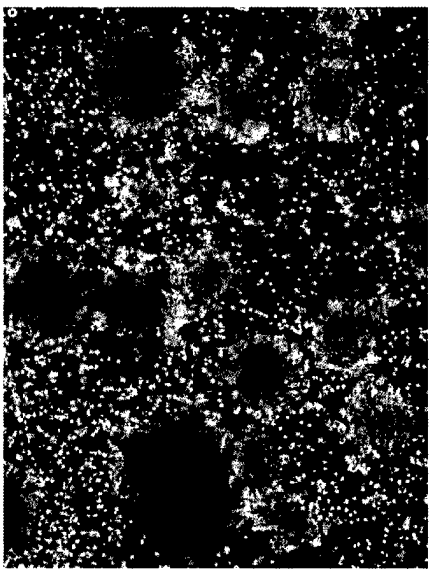


FIG. 6B

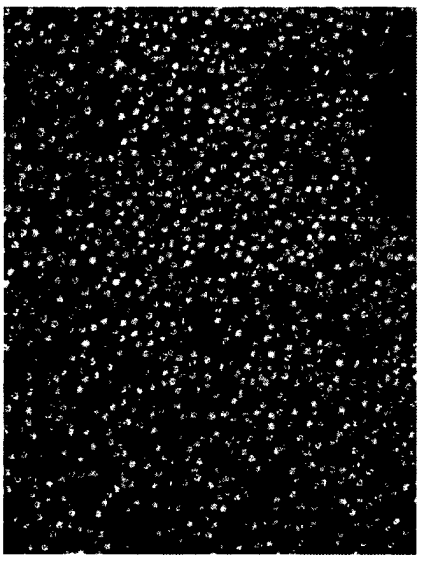


FIG. 6A

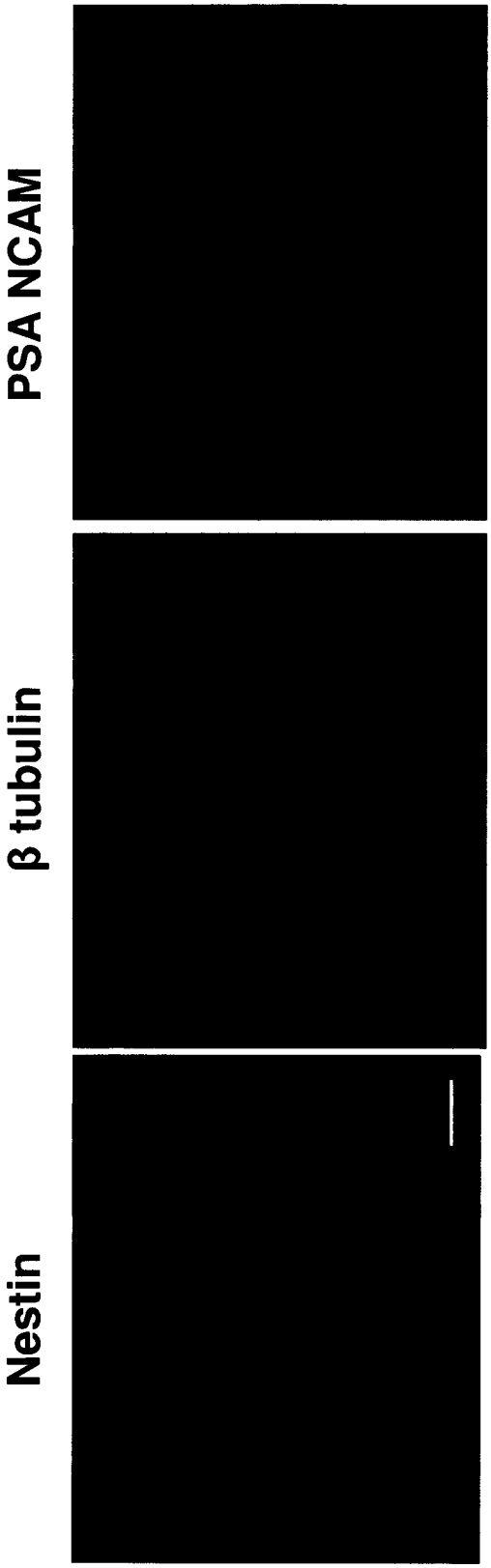


FIG. 7C

FIG. 7B

FIG. 7A

FIG. 8A

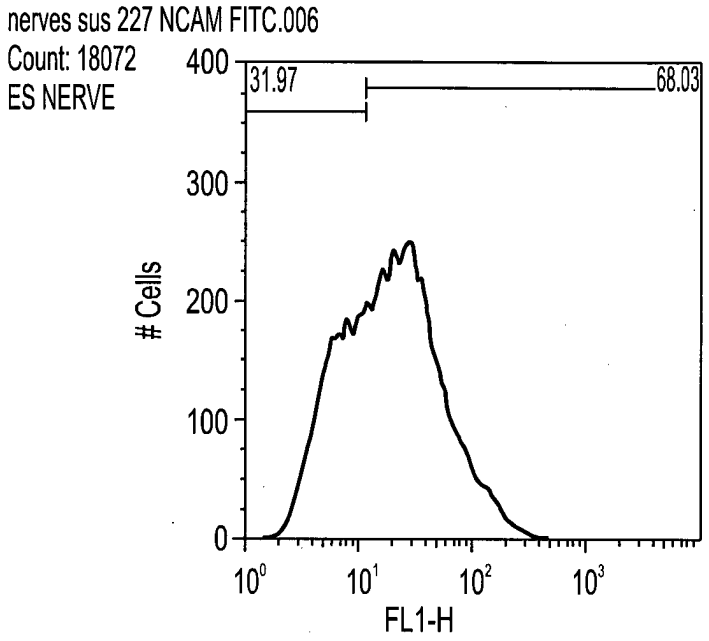
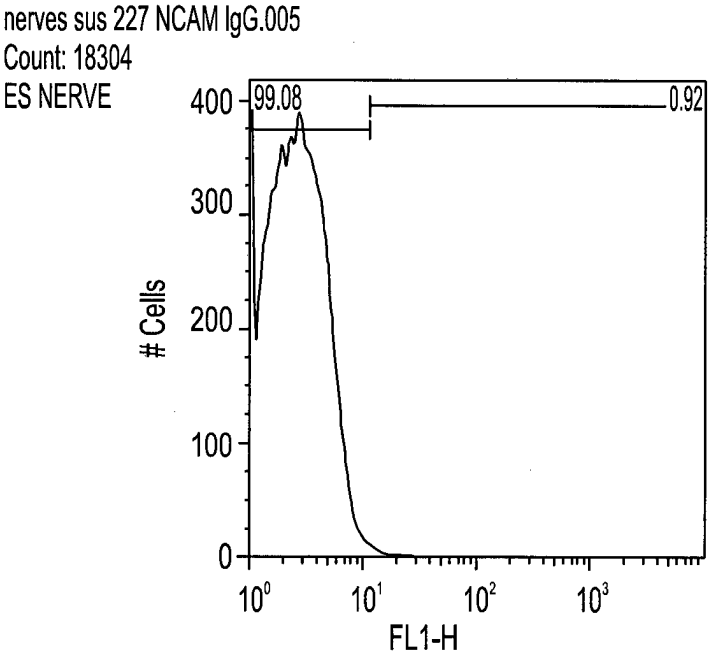

nerves sus 227 NCAM FITC.006
Count: 18072
ES NERVE
31.97
68.03
Cells
FL1-H

FIG. 8B


nerves sus 227 NCAM IgG.005
Count: 18304
ES NERVE
99.08
0.92
Cells
FL1-H

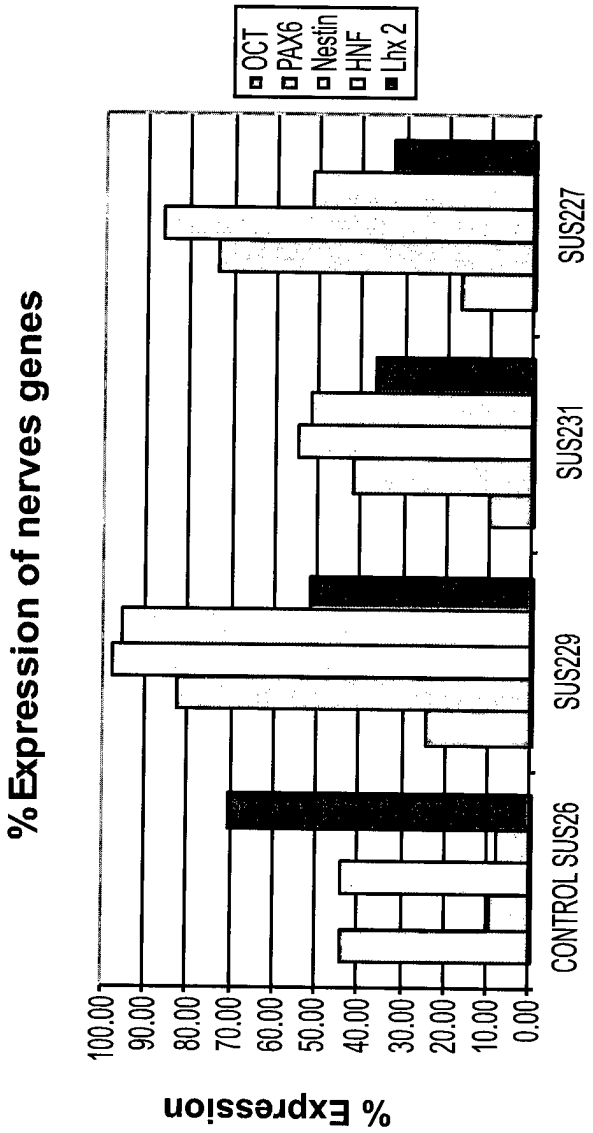

% Expression of nerves genes
OCT
PAX6
Nestin
HNF
Lhx 2
100.00
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
% Expression
CONTROL
SUS26
SUS229
SUS231
SUS227

FIG. 9A

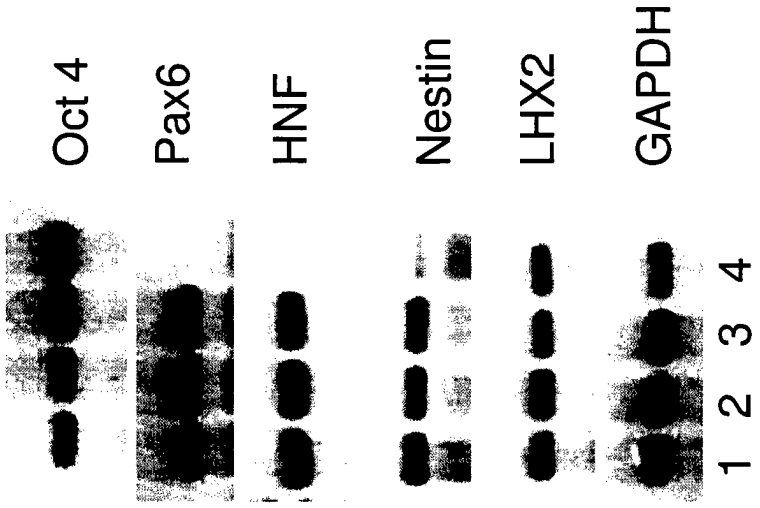


FIG. 9B

FIG. 9C

FIG. 9D

FIG. 9E

FIG. 9F

FIG. 9G

PDX1 Green

DAPI blue



FIG. 10A

FIG. 10B



FIG. 11B

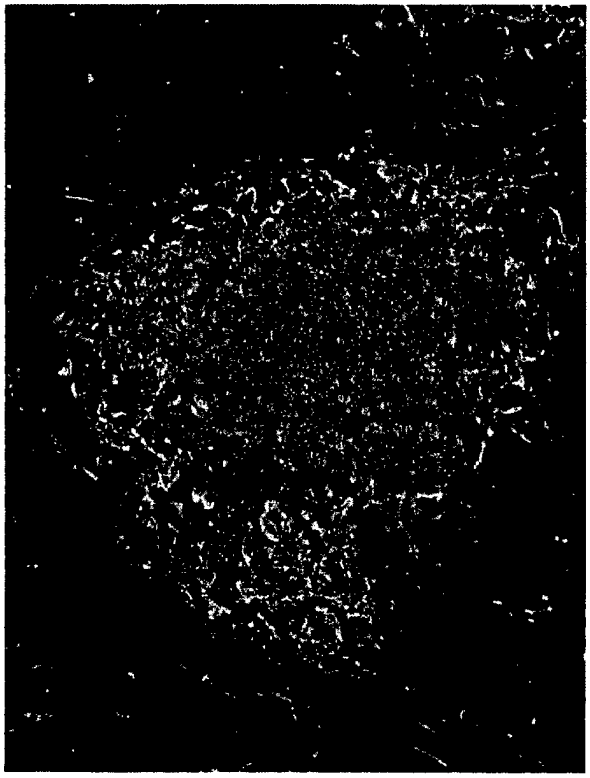
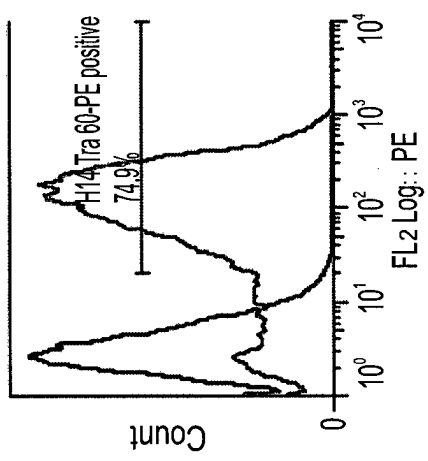


FIG. 11A

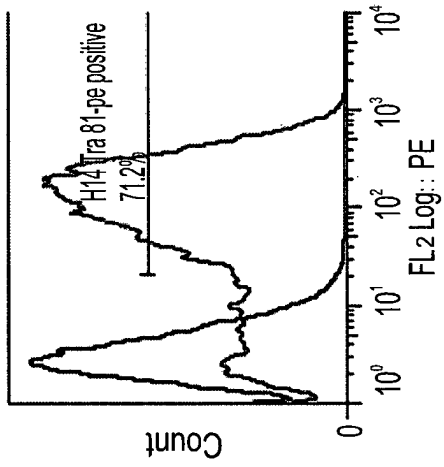
TRA1-60, 2D

FIG. 12A



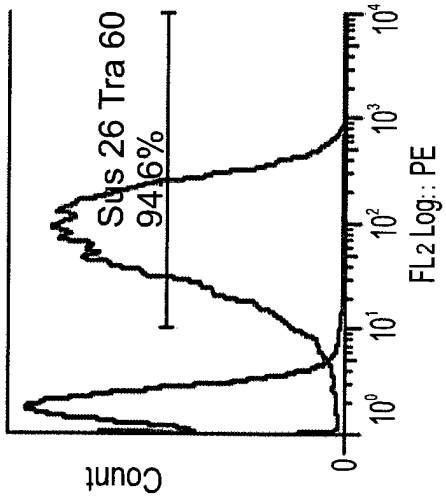
TRA1-81, 2D

FIG. 12B



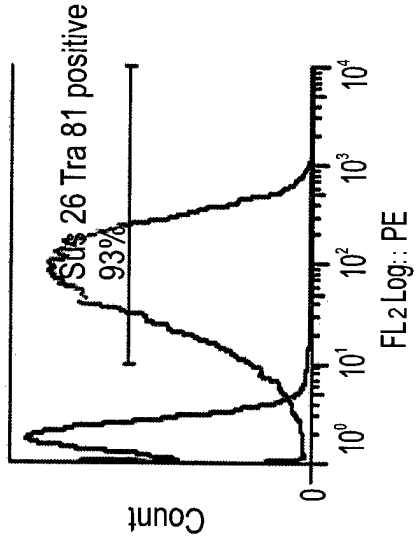
TRA1-60, suspension clumps

FIG. 12C



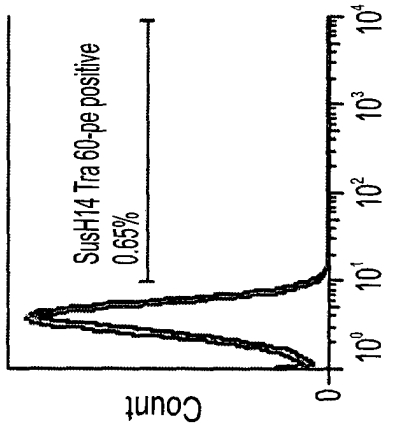
TRA1-81, suspension clumps

FIG. 12D



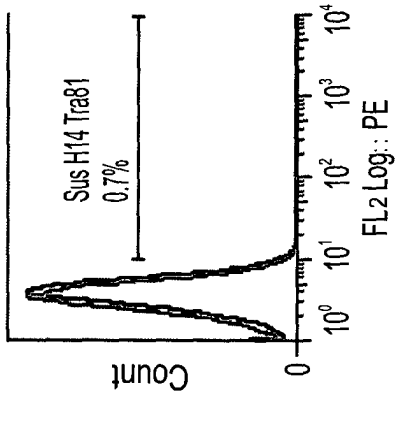
TRA1-60, suspension single cells

FIG. 12E



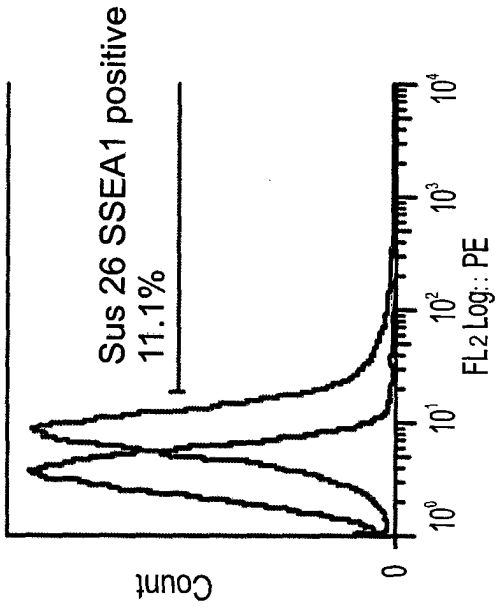
TRA1-81, suspension single cells

FIG. 12F



SSEA1 suspension clumps

FIG. 12G



SSEA4 suspension clumps

FIG. 12H

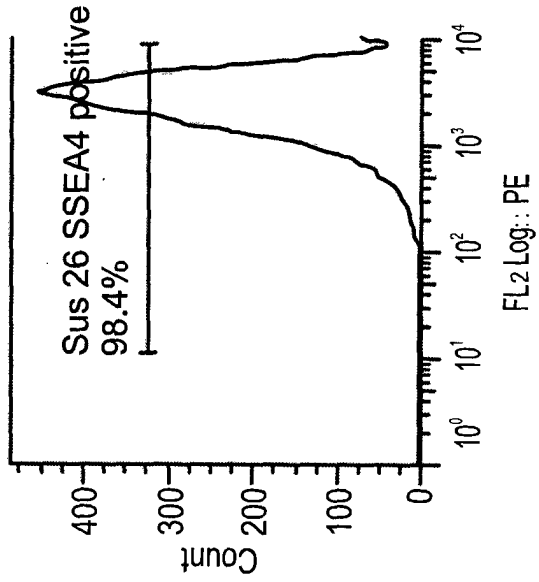




FIG. 12I

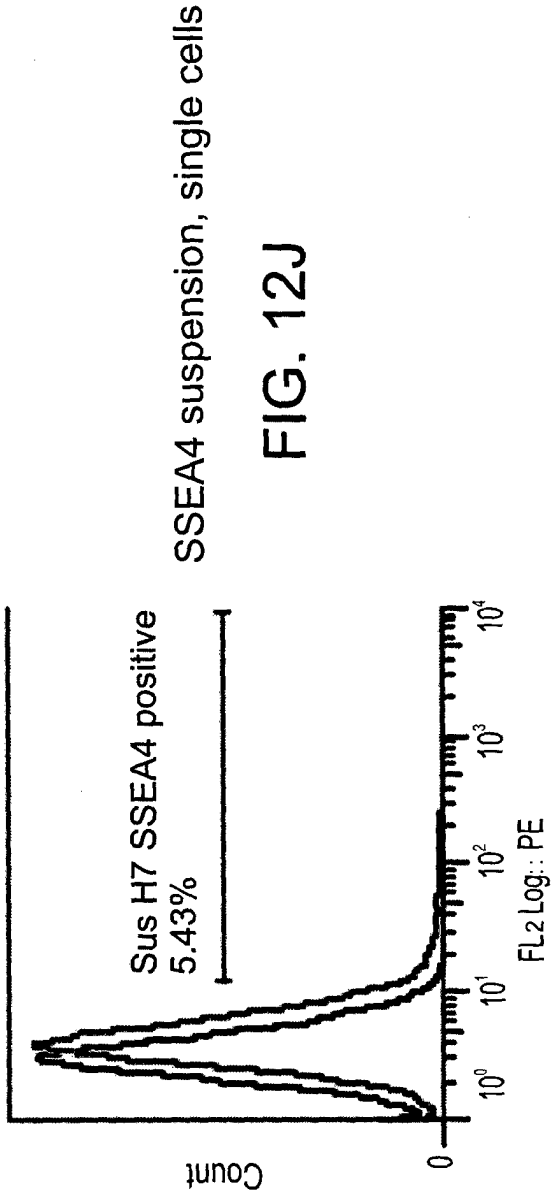


FIG. 12J

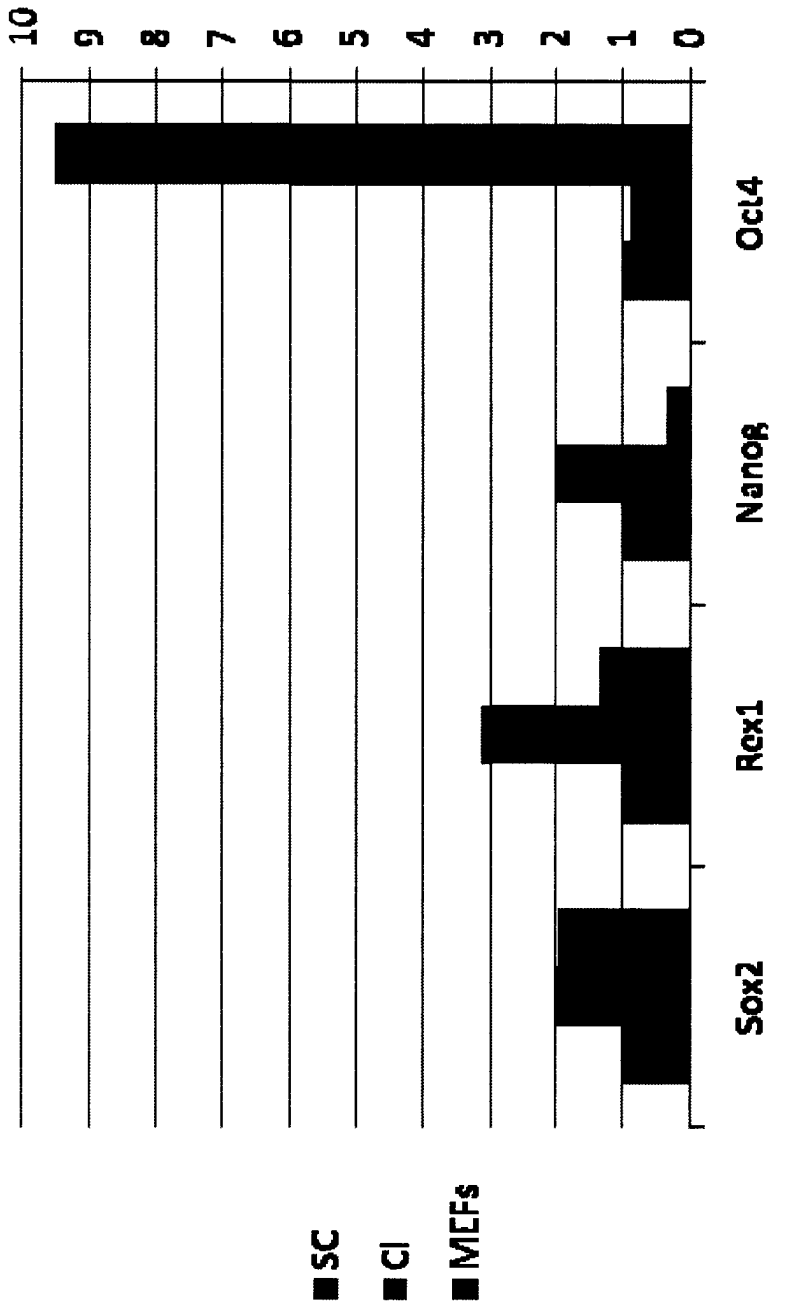


FIG. 13A

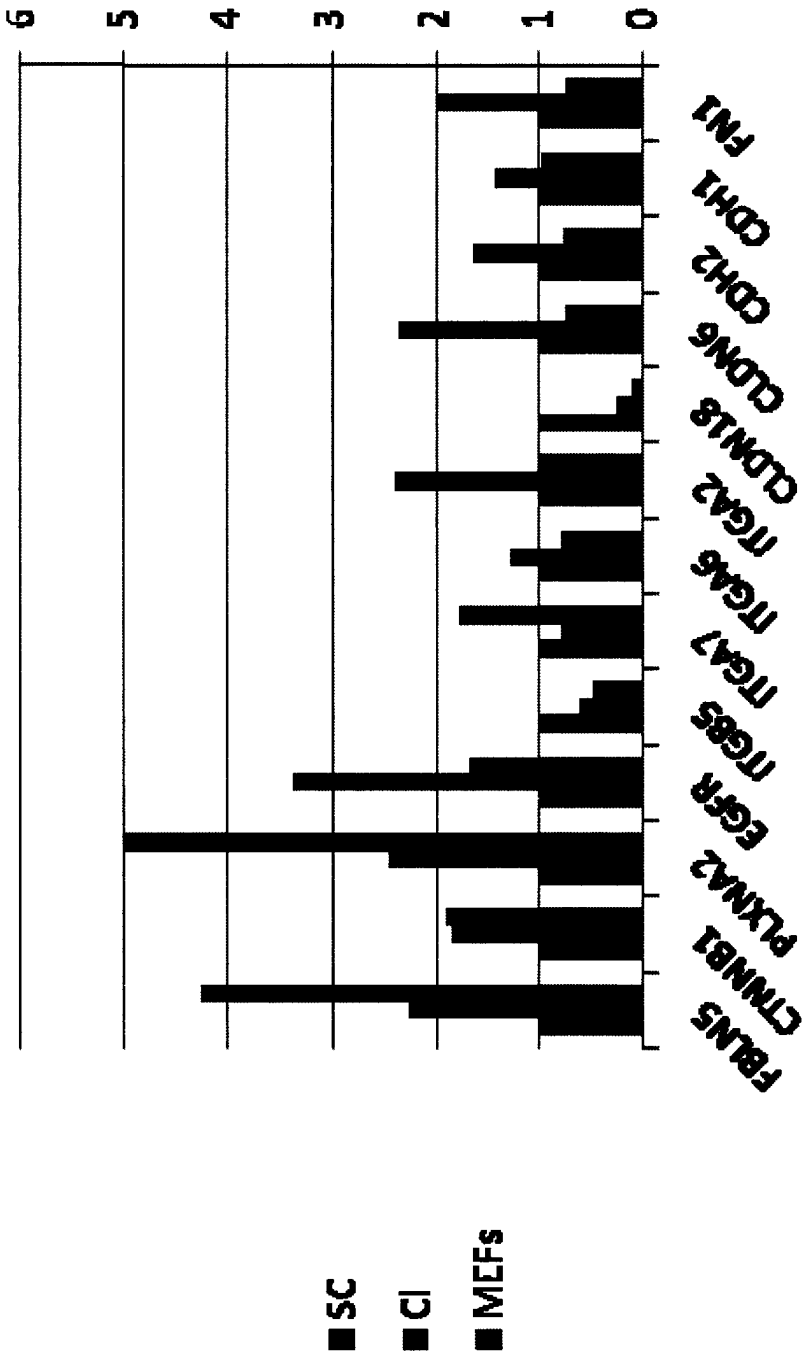

6
5
4
3
2
1
0
FBLN5
CTNNB1
PLXNA2
EGFR
ITGB5
ITGA7
ITGA6
ITGA2
CDKN1B
CDKN2C
CDH2
CDH1
FN1
SC
CI
MEFs

FIG. 13B



FIG. 14

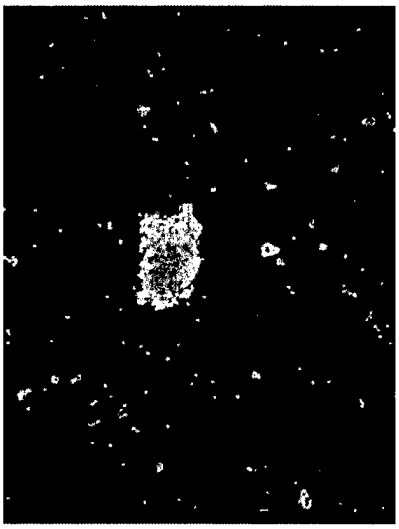


FIG. 15

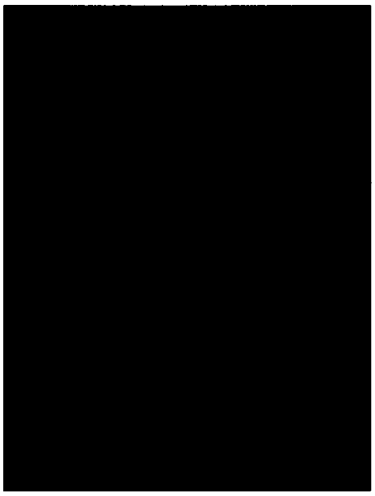


FIG. 16B

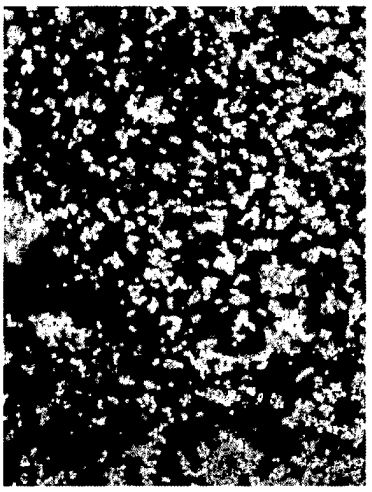


FIG. 16A

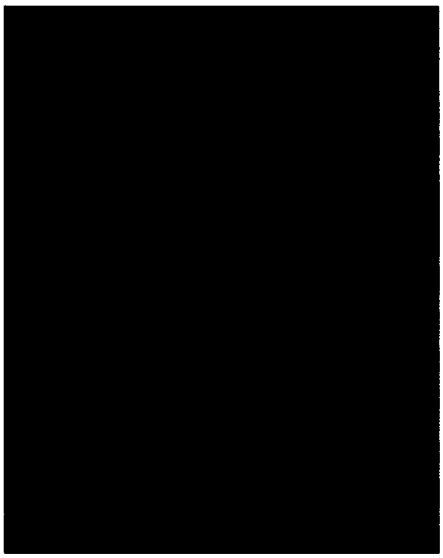


FIG. 17B

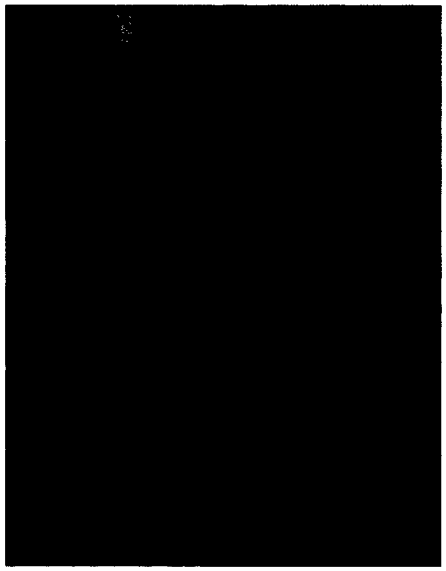


FIG. 17C

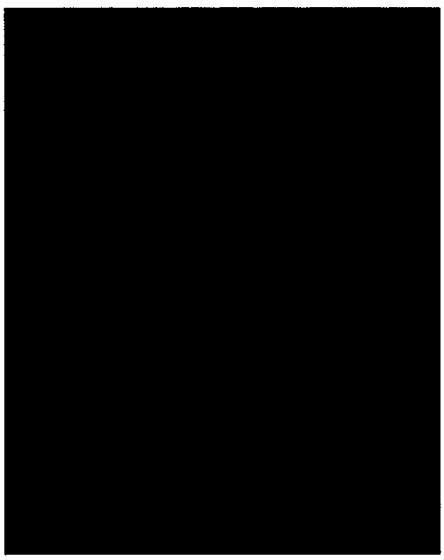


FIG. 17A

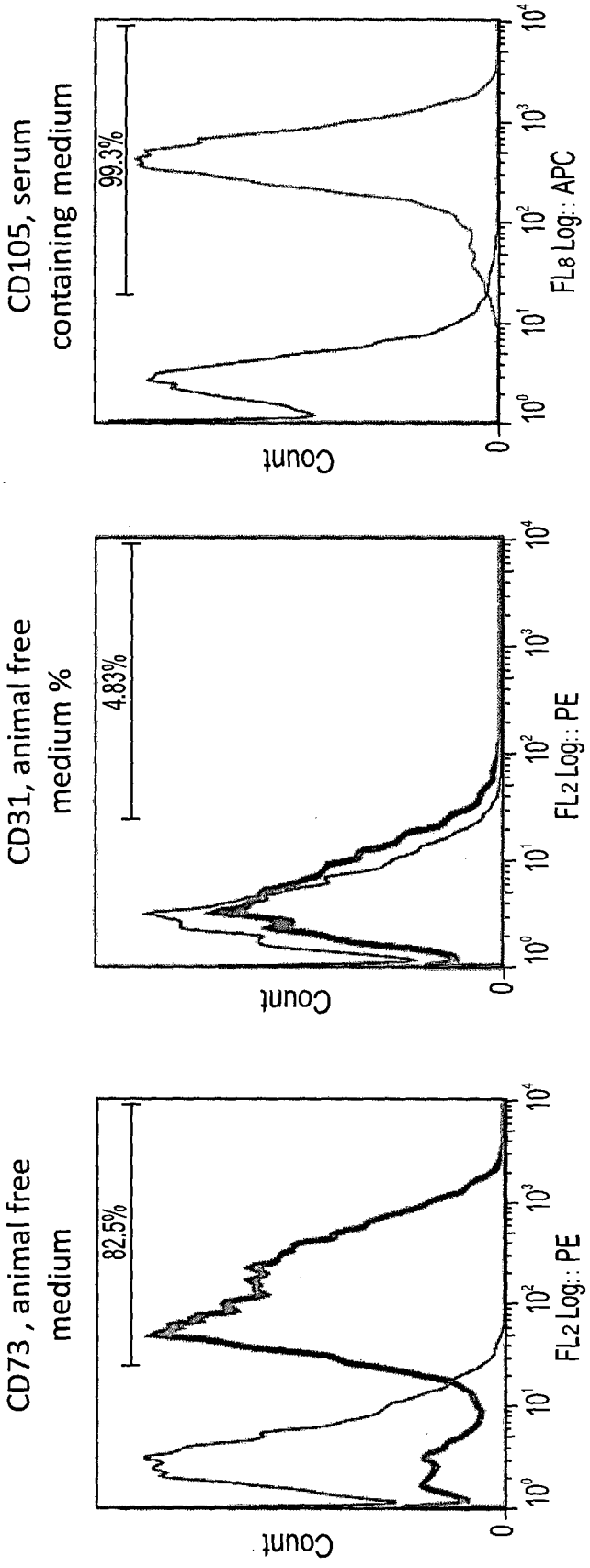


FIG. 18A

FIG. 18B

FIG. 18C



FIG. 19B

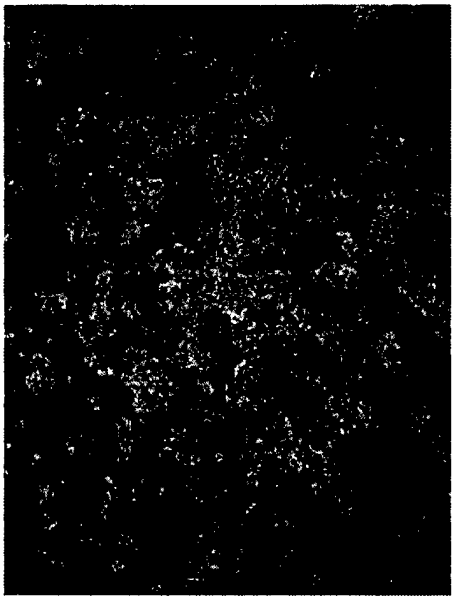


FIG. 19D



FIG. 19A

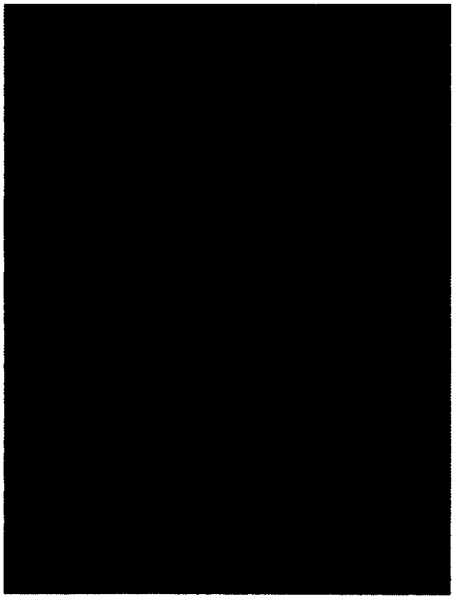


FIG. 19C

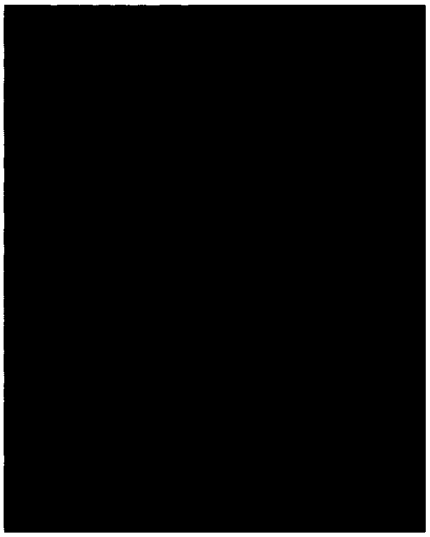


FIG. 20B

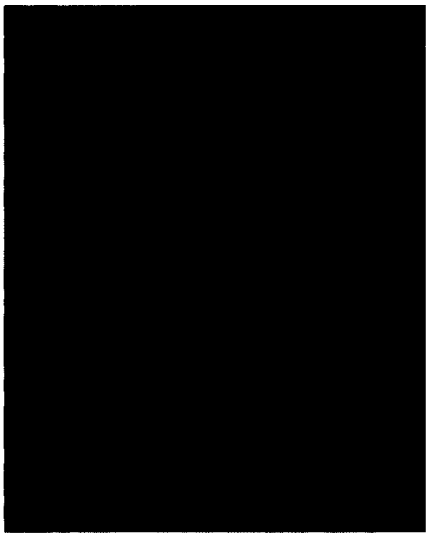


FIG. 20A