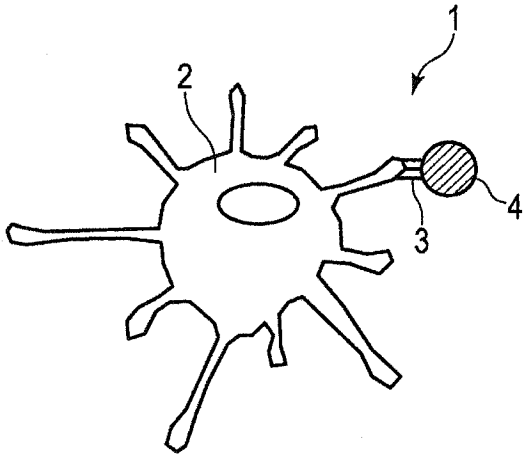
1
2
3
4

FIG. 1

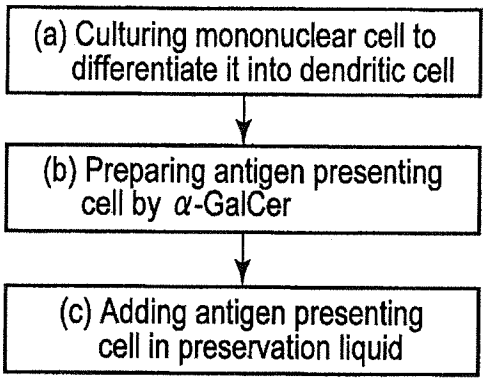
(a) Culturing mononuclear cell to differentiate it into dendritic cell
(b) Preparing antigen presenting cell by α-GalCer
(c) Adding antigen presenting cell in preservation liquid

FIG. 2

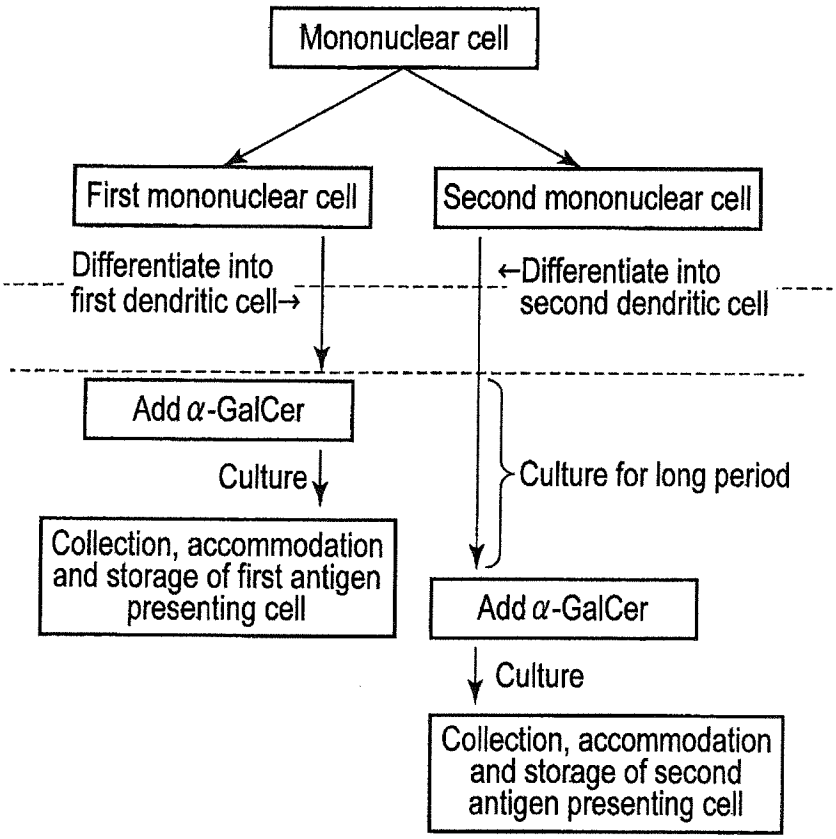
Mononuclear cell
First mononuclear cell
Second mononuclear cell
Differentiate into first dendritic cell→
←Differentiate into second dendritic cell
Add α-GalCer
Culture
Culture for long period
Collection, accommodation and storage of first antigen presenting cell
Add α-GalCer
Culture
Collection, accommodation and storage of second antigen presenting cell

FIG. 3

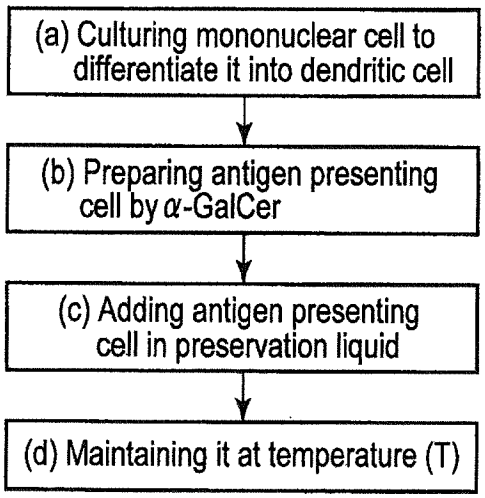
(a) Culturing mononuclear cell to differentiate it into dendritic cell
(b) Preparing antigen presenting cell by α-GalCer
(c) Adding antigen presenting cell in preservation liquid
(d) Maintaining it at temperature (T)

FIG. 4

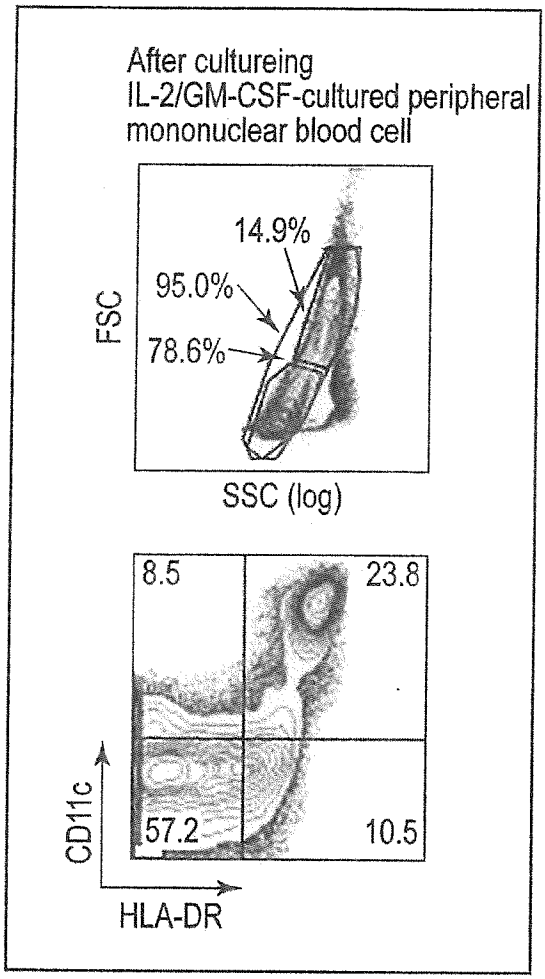
After cultureing
IL-2/GM-CSF-cultured peripheral mononuclear blood cell
14.9%
95.0%
78.6%
FSC
SSC (log)
8.5
23.8
57.2
10.5
CD11c
HLA-DR

FIG. 5

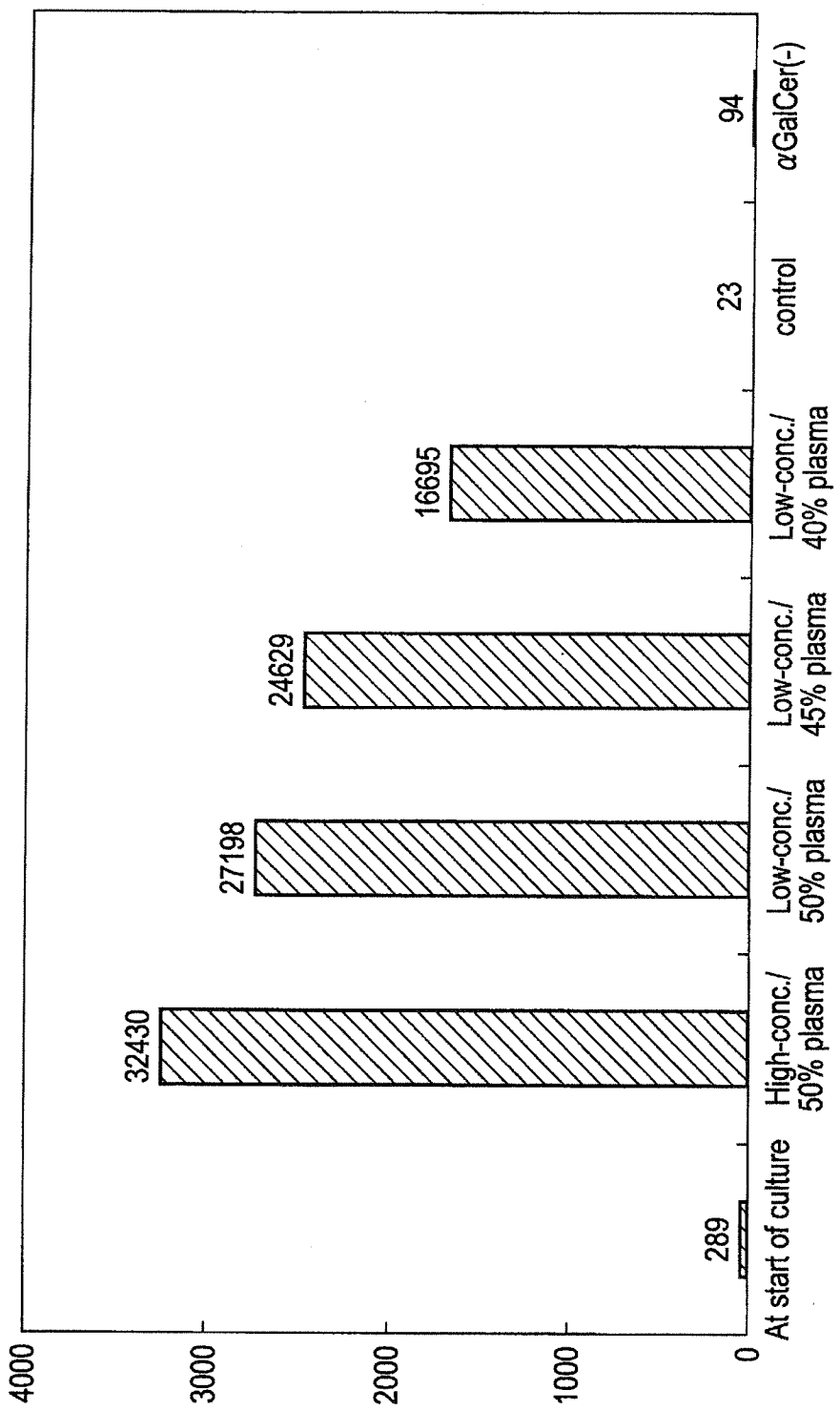
4000
3000
2000
1000
0
289
32430
27198
24629
16695
23
94
At start of culture
High-conc./ 50% plasma
Low-conc./ 50% plasma
Low-conc./ 45% plasma
Low-conc./ 40% plasma
control
αGalCer(-)

FIG. 6