Fig. 1

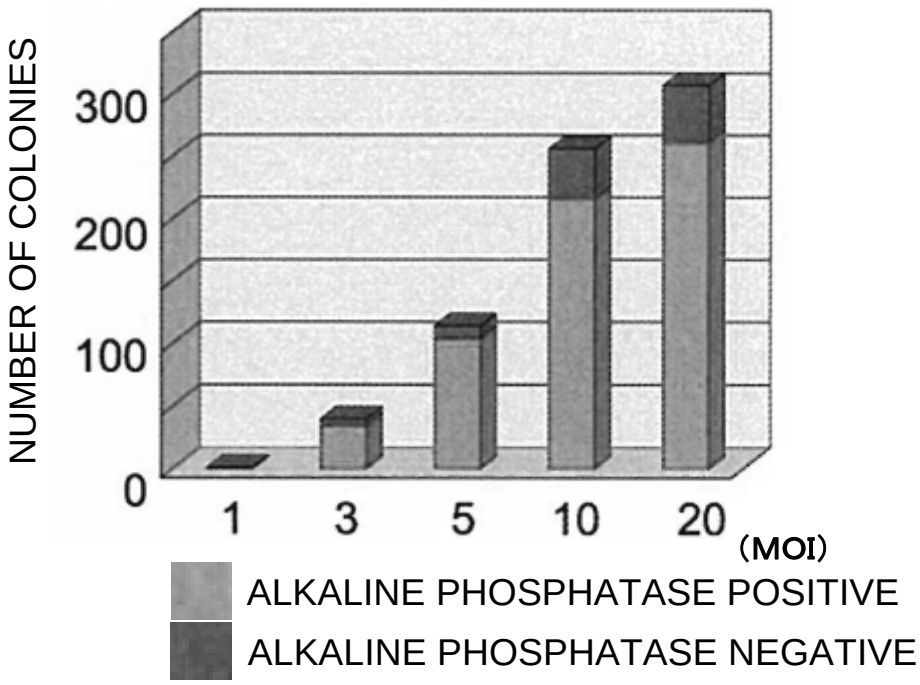

NUMBER OF COLONIES
300
200
100
0
1
3
5
10
20
(MOI)
ALKALINE PHOSPHATASE POSITIVE
ALKALINE PHOSPHATASE NEGATIVE

Fig. 2

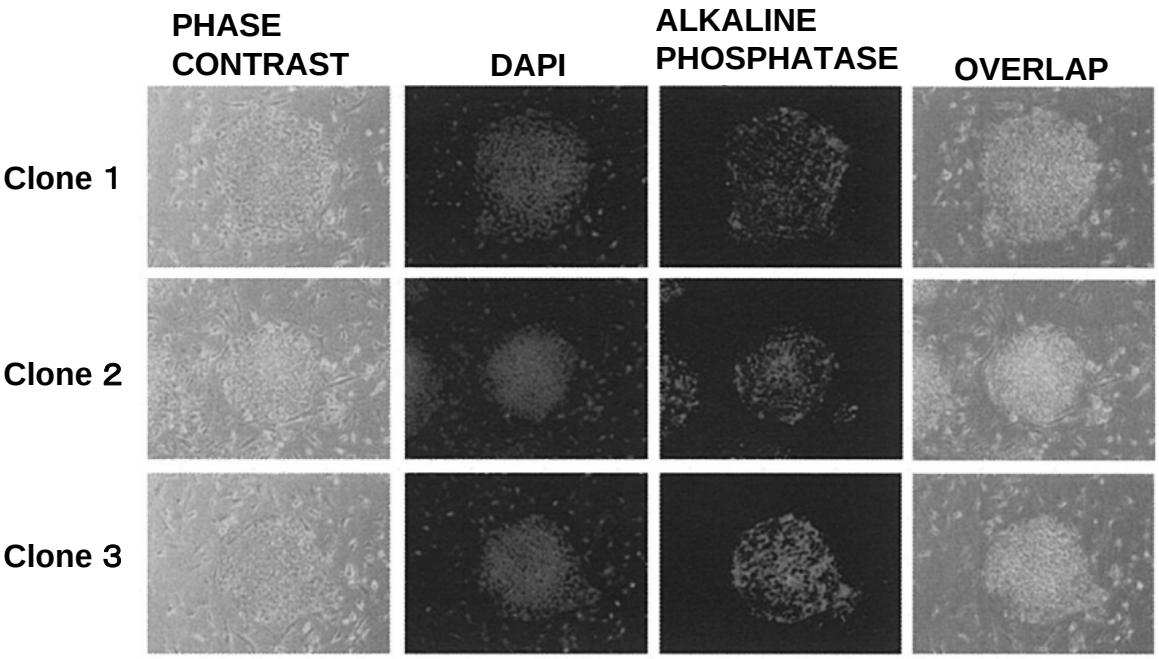

PHASE CONTRAST
DAPI
ALKALINE PHOSPHATASE
OVERLAP
Clone 1
Clone 2
Clone 3

Fig. 3

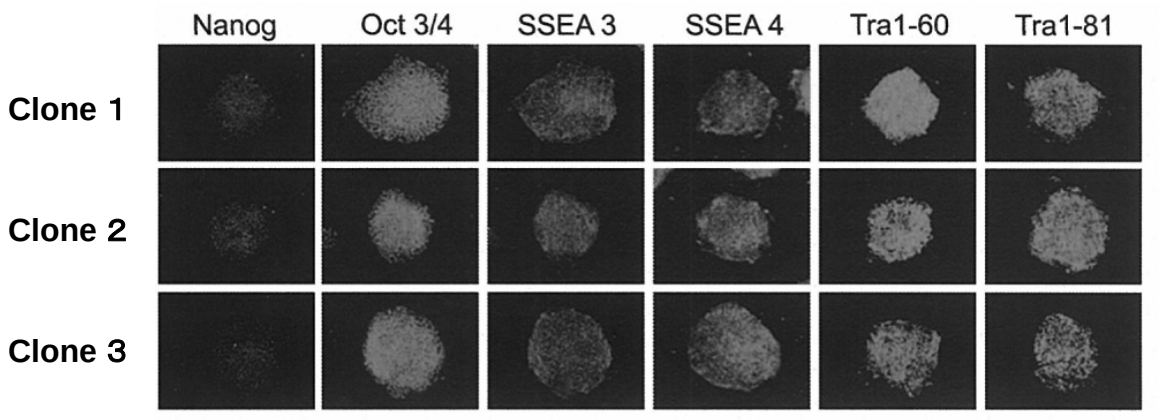

Nanog
Oct 3/4
SSEA 3
SSEA 4
Tra1-60
Tra1-81
Clone 1
Clone 2
Clone 3

Fig. 4

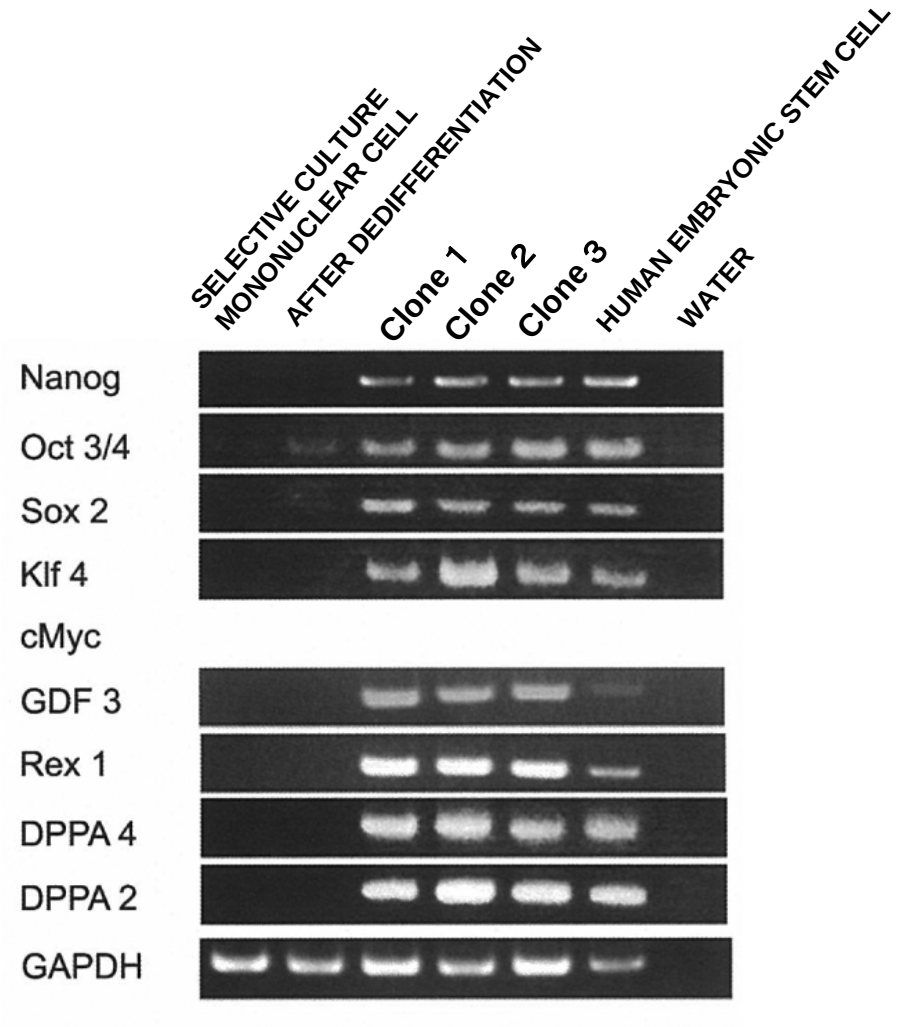

SELECTIVE CULTURE MONONUCLEAR CELL
AFTER DEDIFFERENTIATION
Clone 1
Clone 2
Clone 3
HUMAN EMBRYONIC STEM CELL
WATER
Nanog
Oct 3/4
Sox 2
Klf 4
cMyc
GDF 3
Rex 1
DPPA 4
DPPA 2
GAPDH

Fig. 5

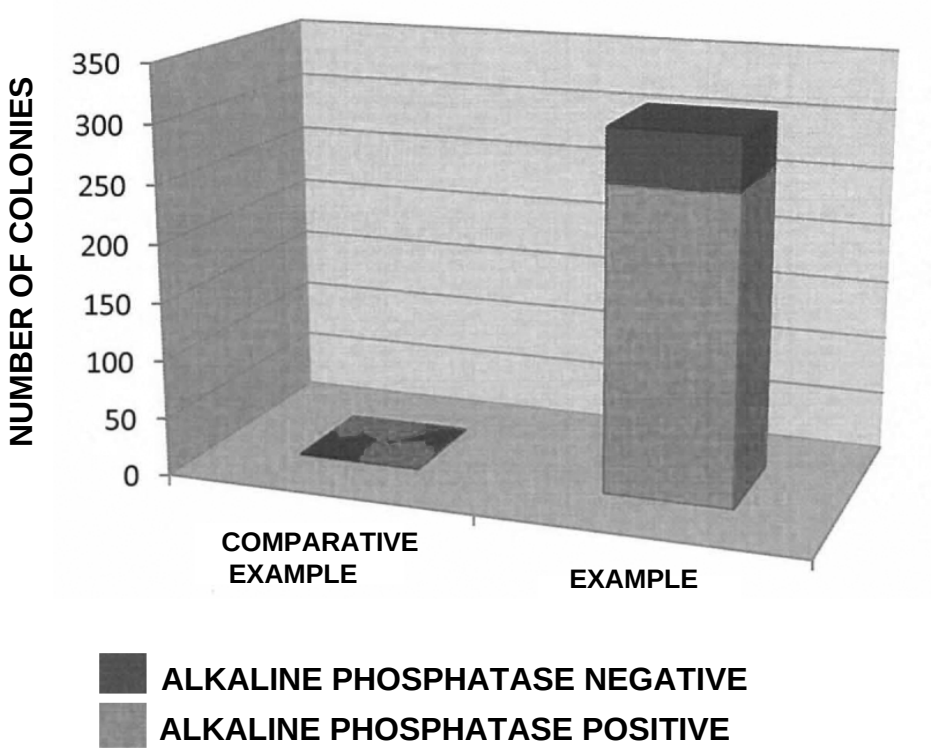
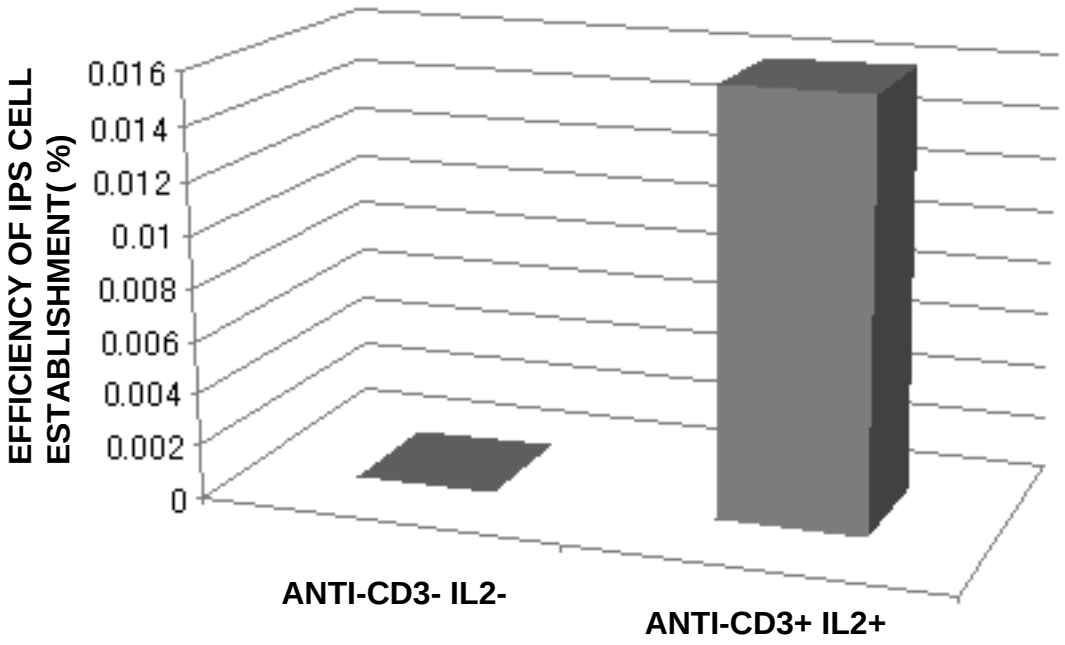

NUMBER OF COLONIES
350
300
250
200
150
100
50
0
COMPARATIVE EXAMPLE
EXAMPLE
ALKALINE PHOSPHATASE NEGATIVE
ALKALINE PHOSPHATASE POSITIVE

Fig. 6


EFFICIENCY OF IPS CELL ESTABLISHMENT(%)
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
ANTI-CD3- IL2-
ANTI-CD3+ IL2+