

FIG.1

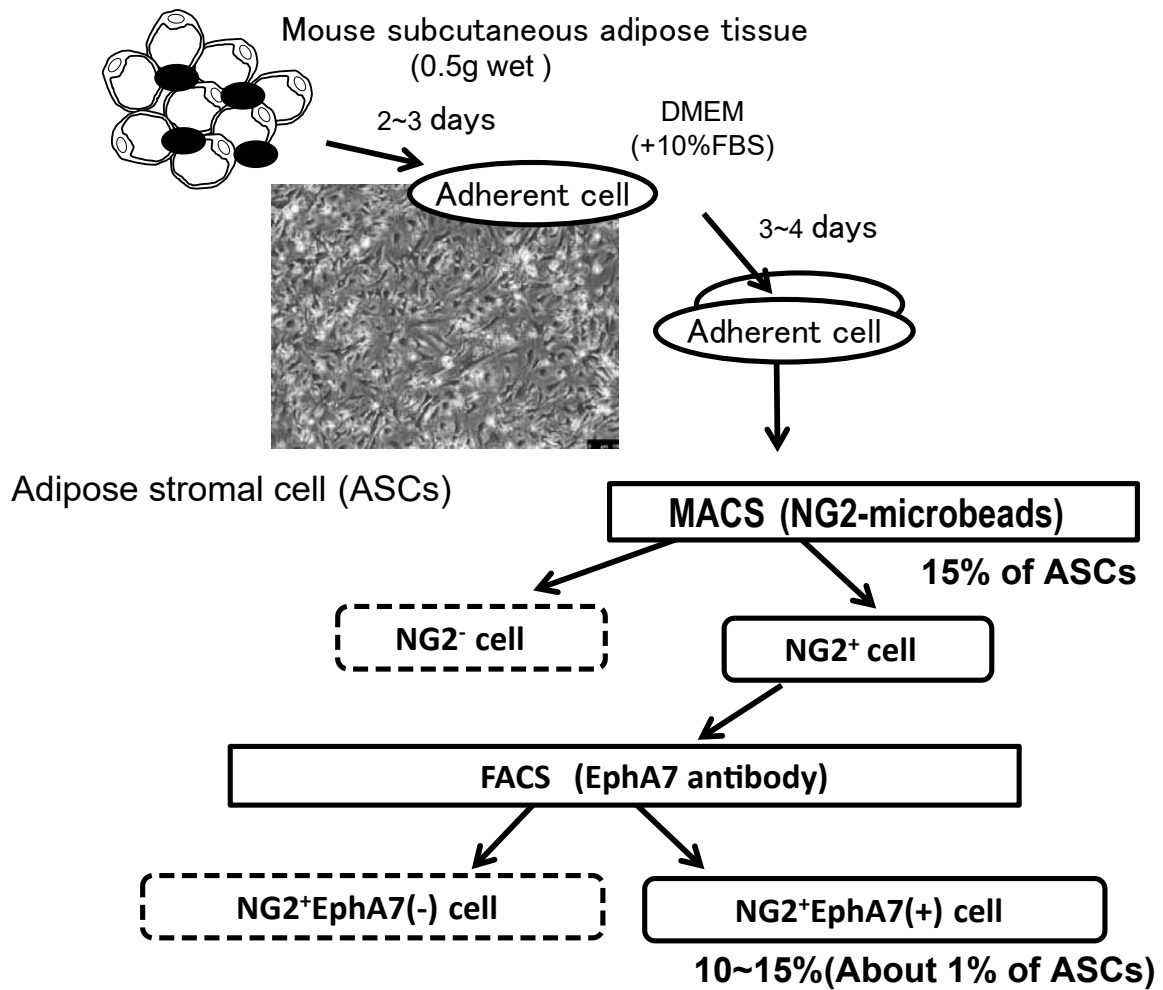


FIG.2A

FABP4

marker O4 (OligoM4)

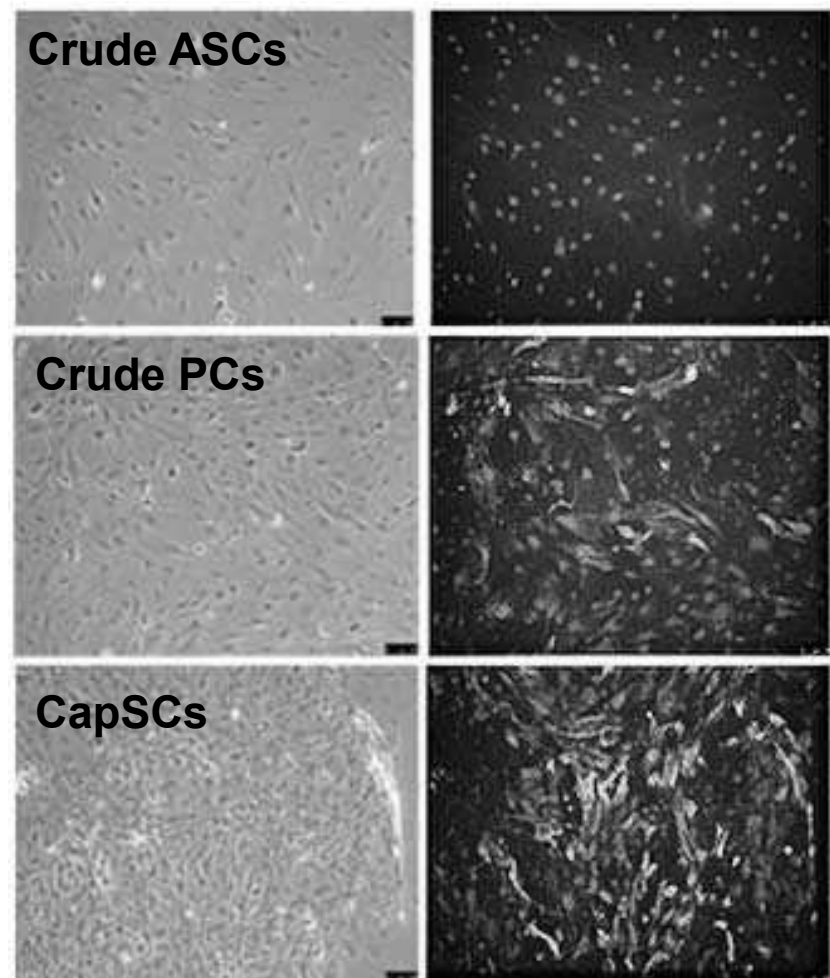
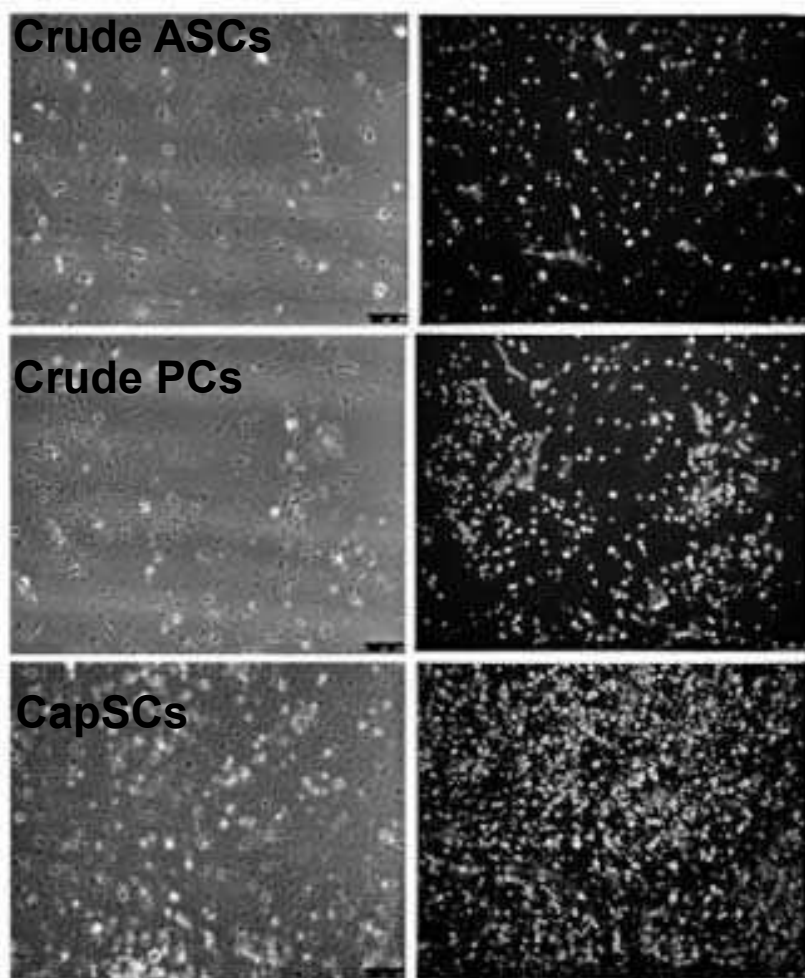
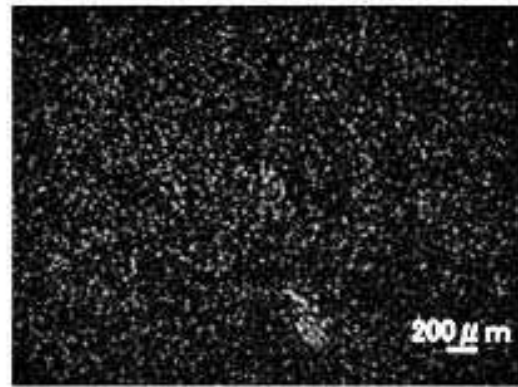
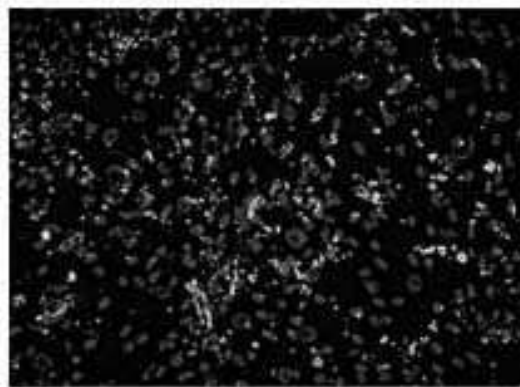


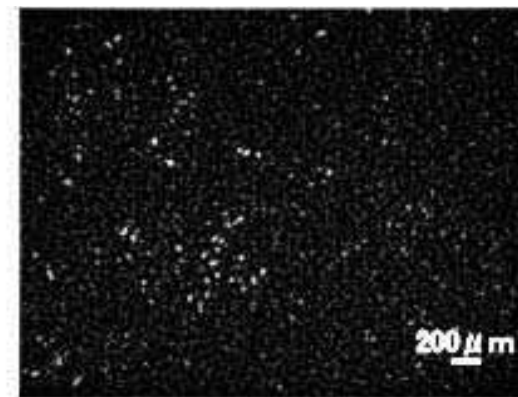
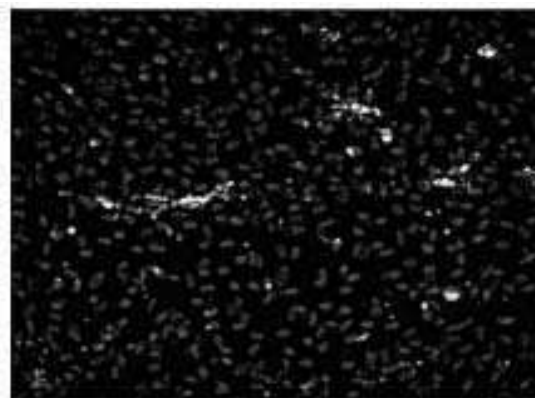
FIG.2B

Osteopontin

CapSCs (p7)



PCs (p7)



High View

Low View

FIG.2C

Nestin

CapSCs (p7)

PCs (p7)

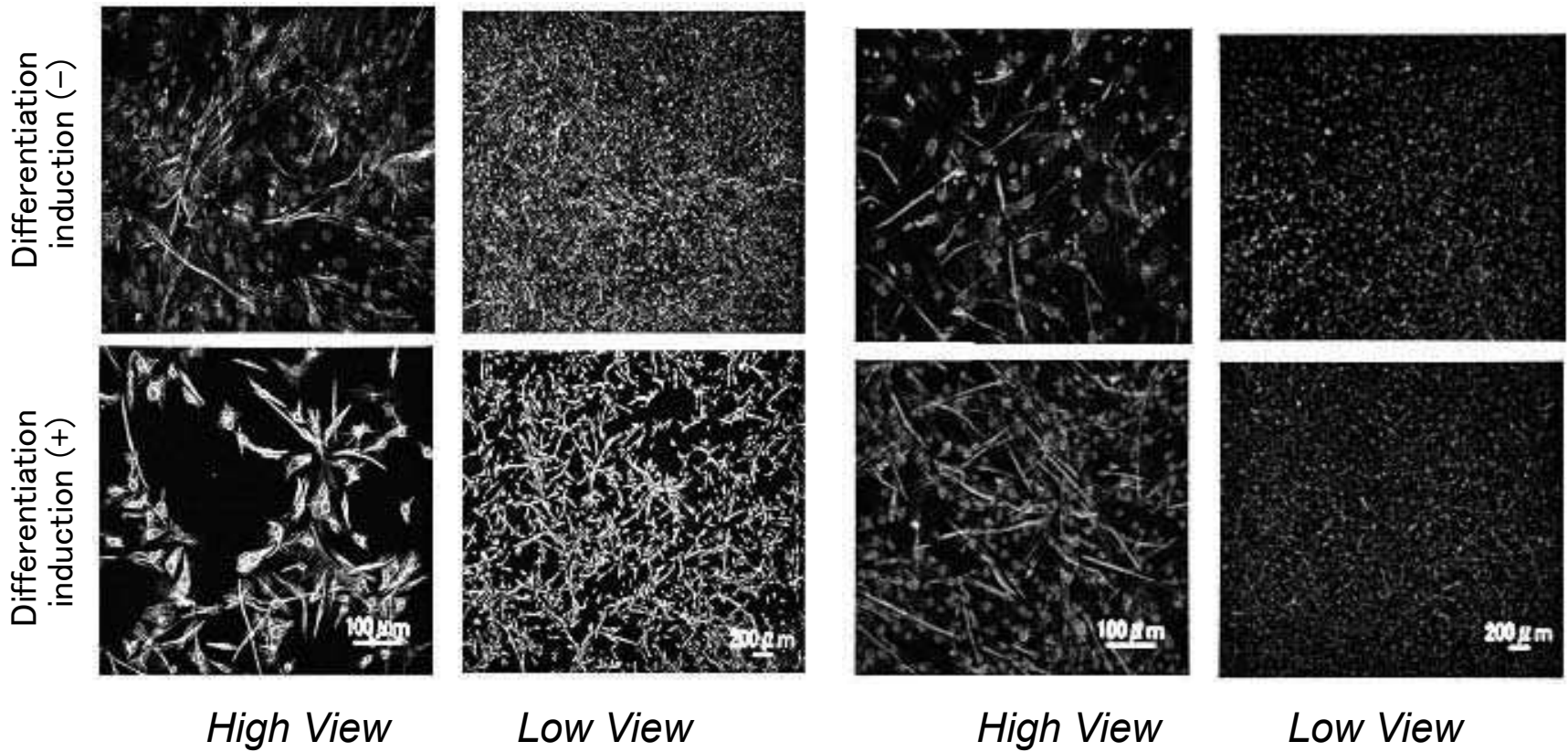


FIG.2D

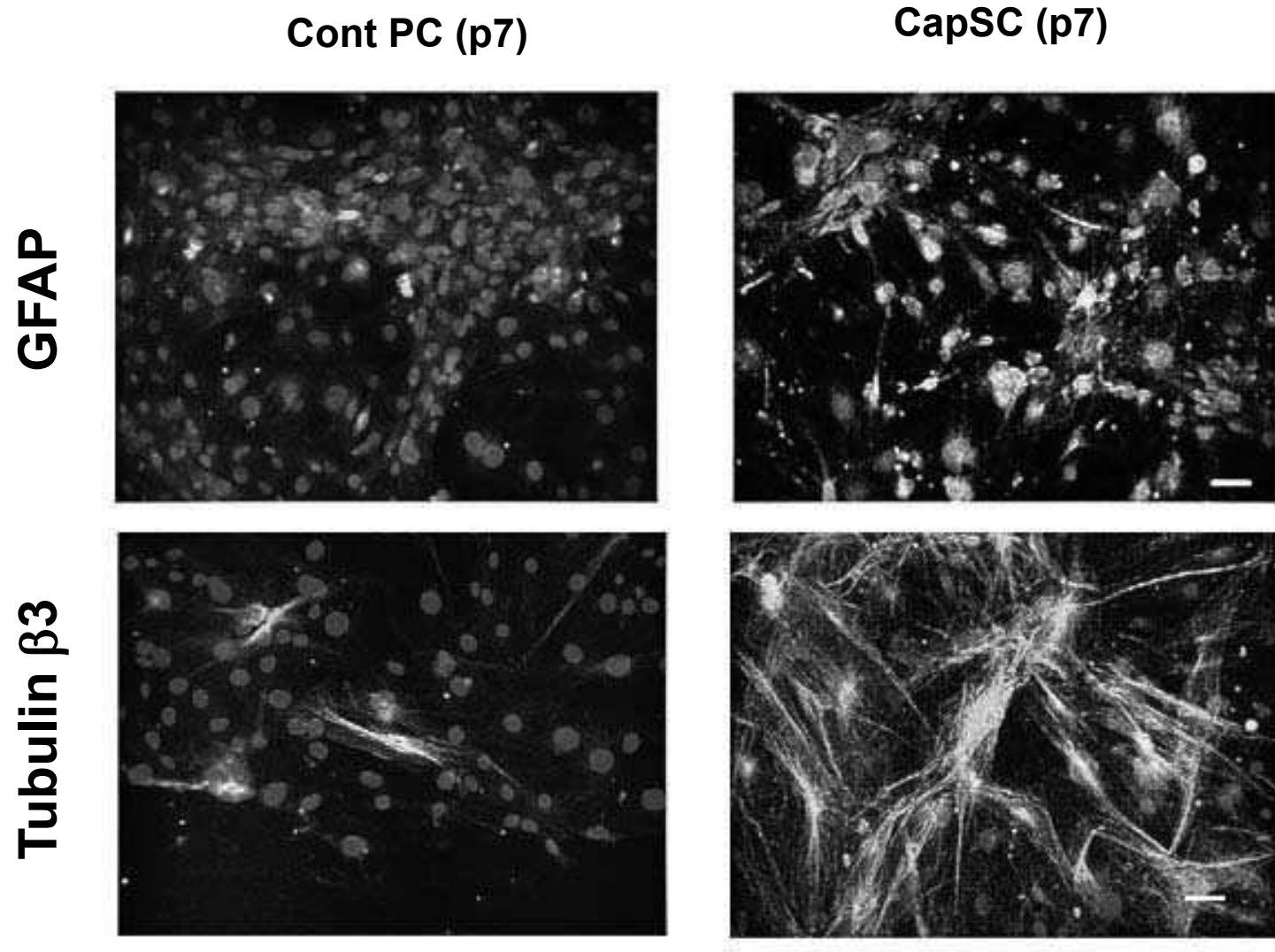


FIG.3

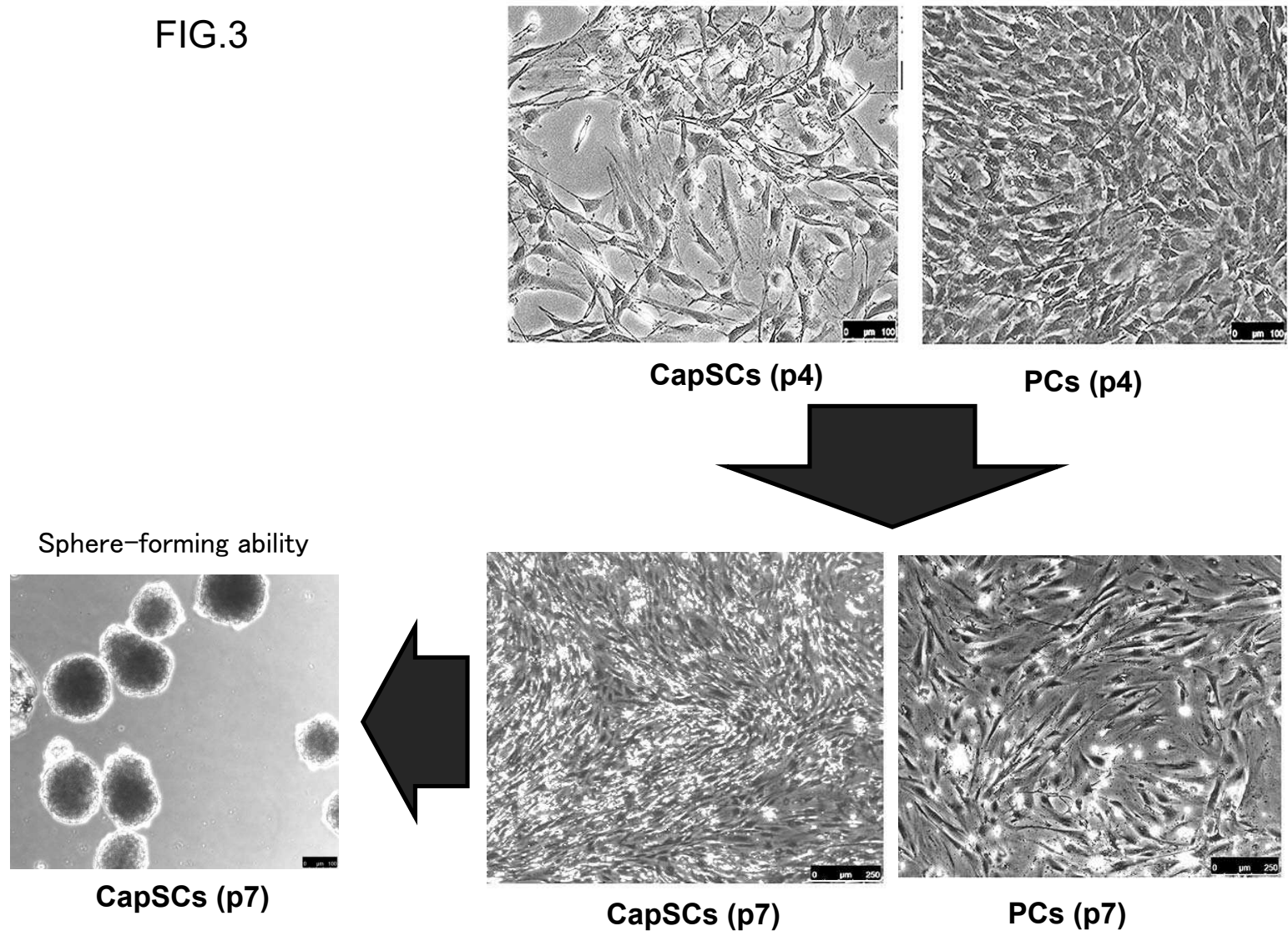


FIG.4A

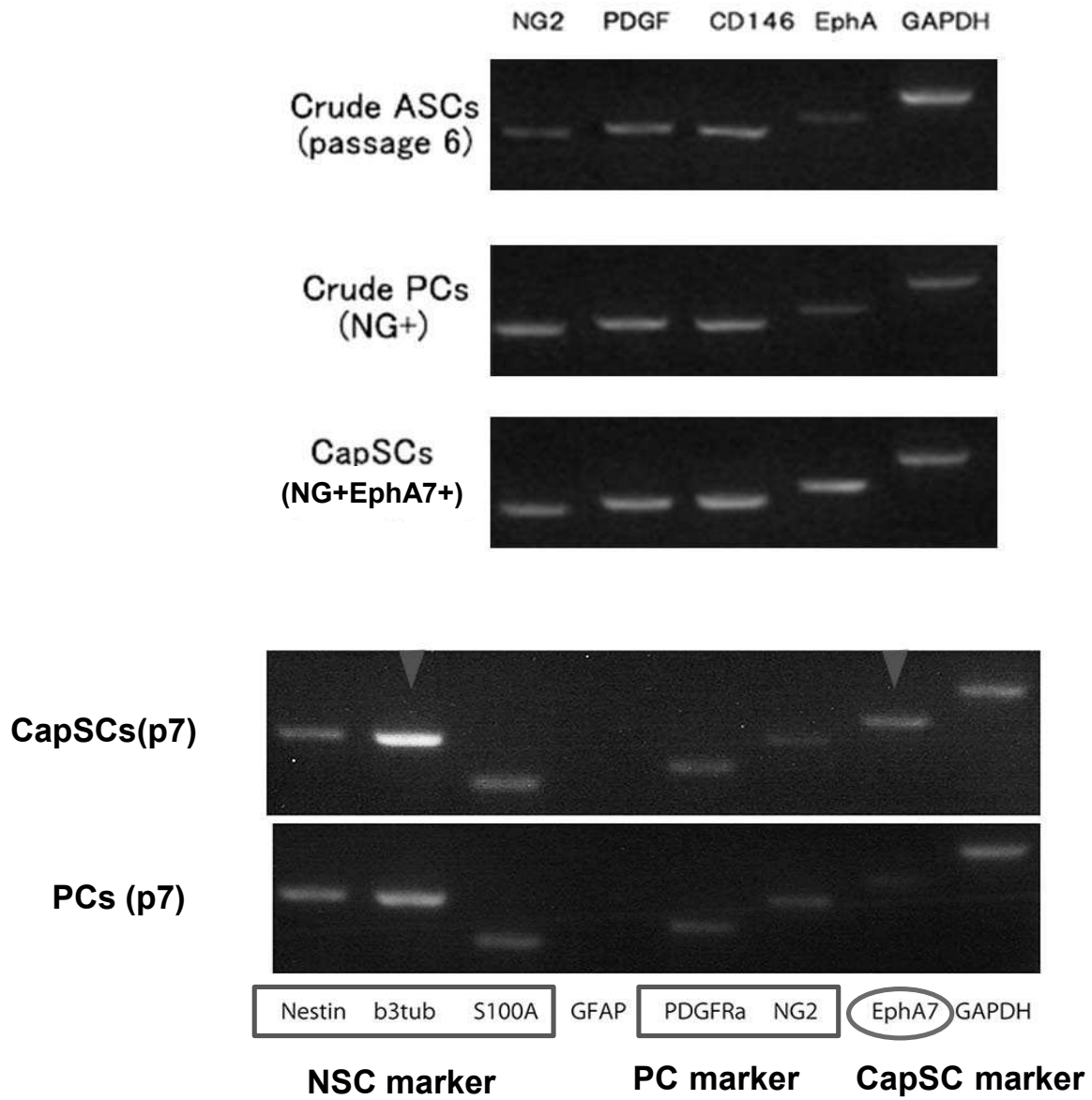


FIG.4B

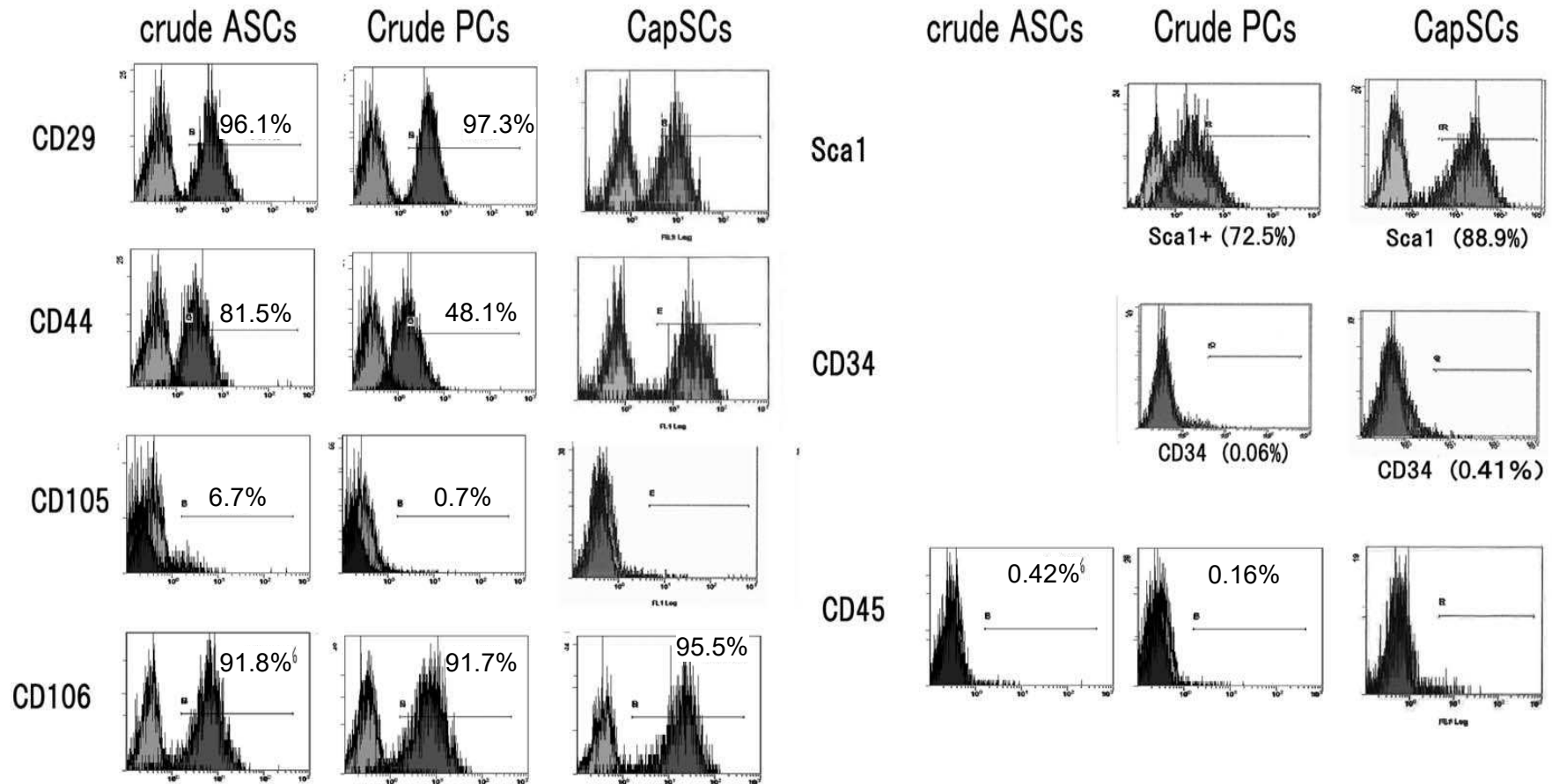


FIG.5

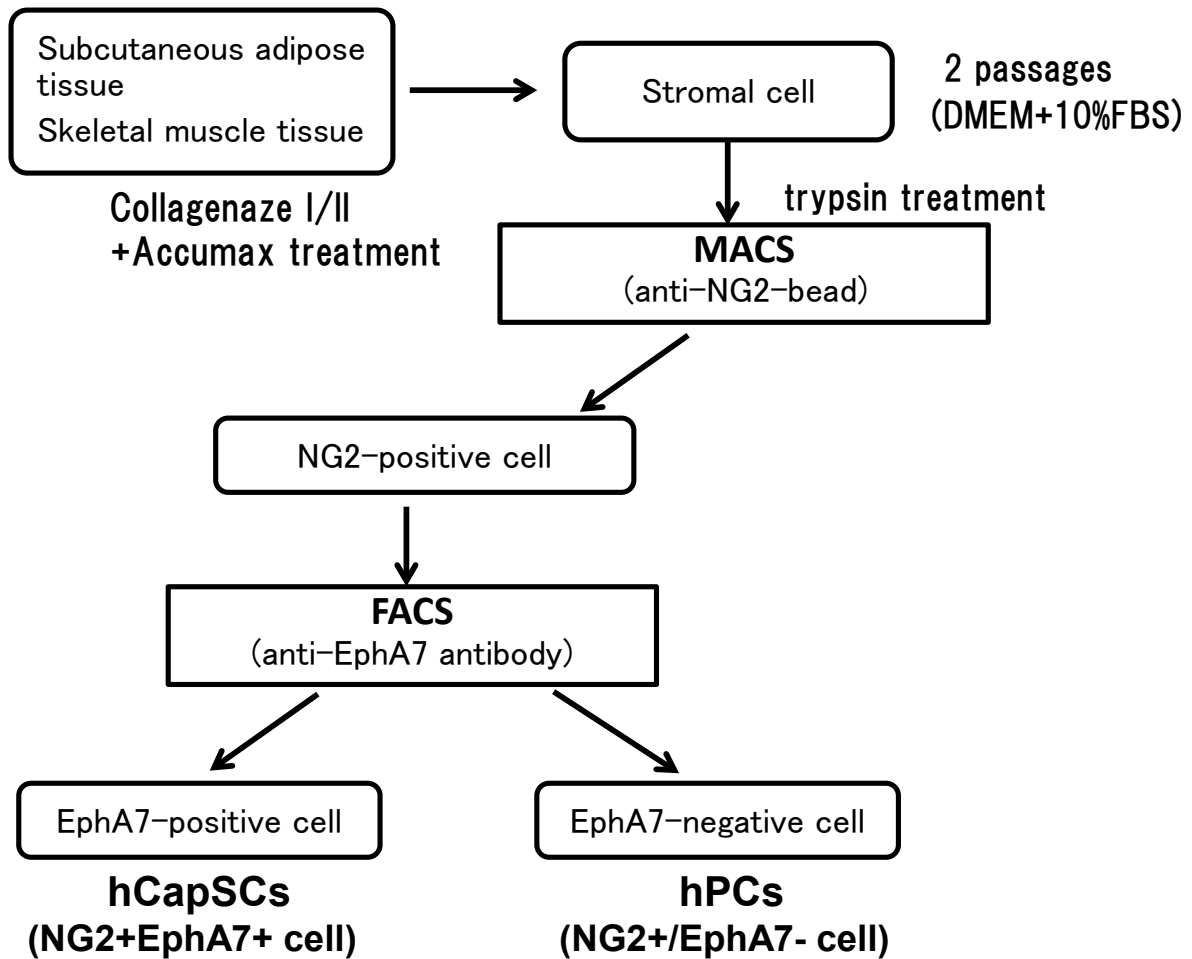


FIG.6A

FABP + BODIPY



hCapSCs



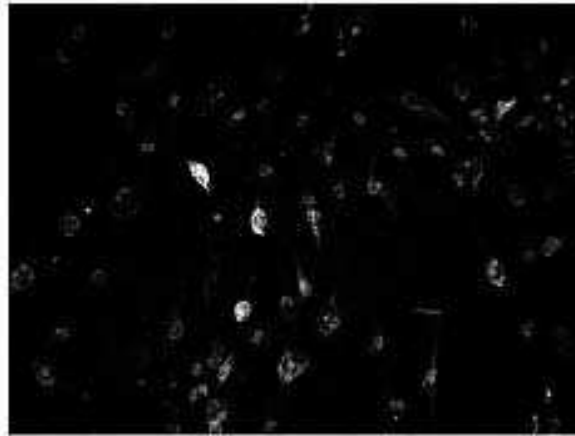
hPCs

FIG.6B

hCapSCs
(NG2+EphA7+ cells)

hPCs
(NG2+/EphA7- cells)

GFAP
(astrocytes marker)



Tubulin β 3
(Neuron marker)

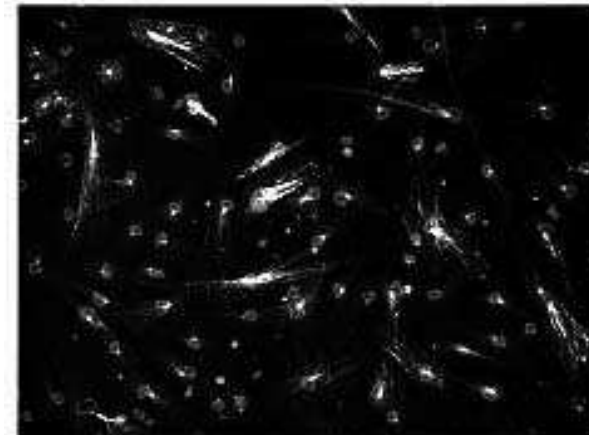


FIG.7

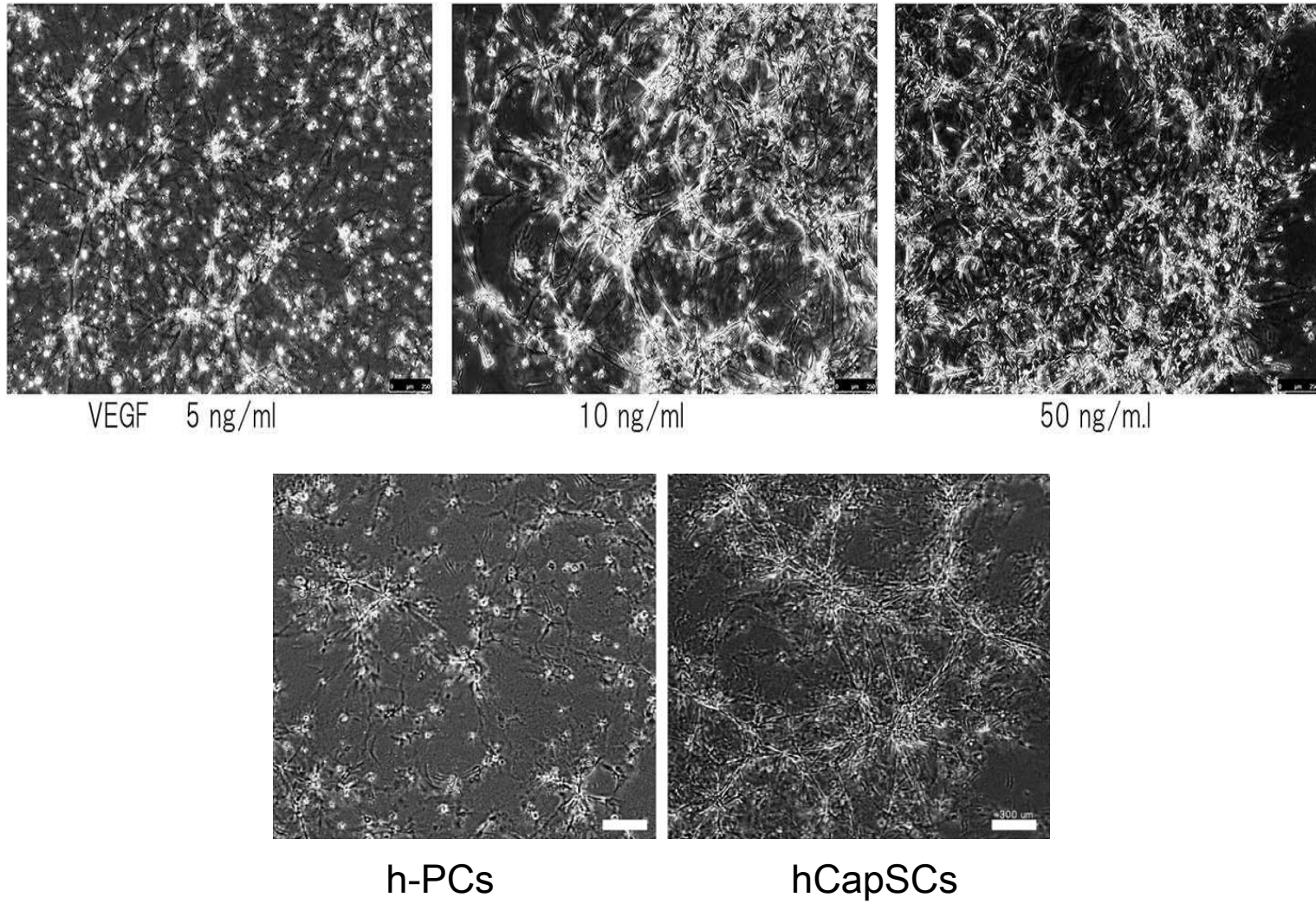


FIG.8

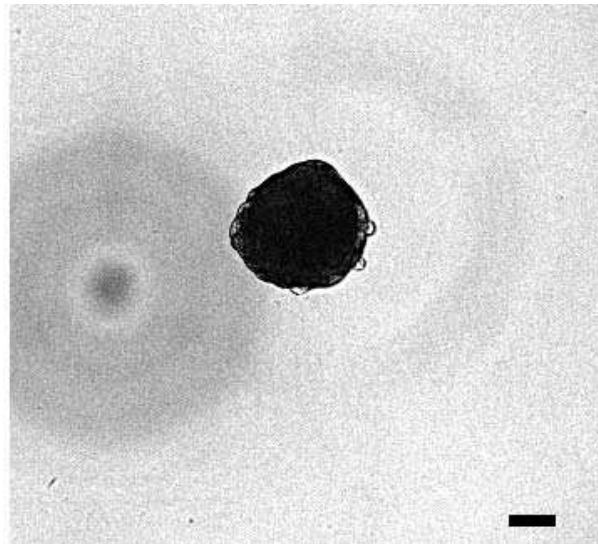
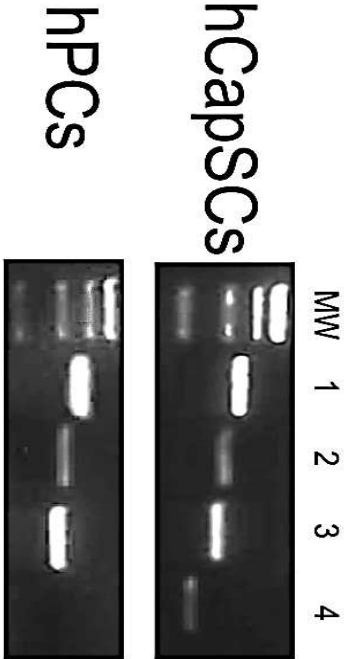
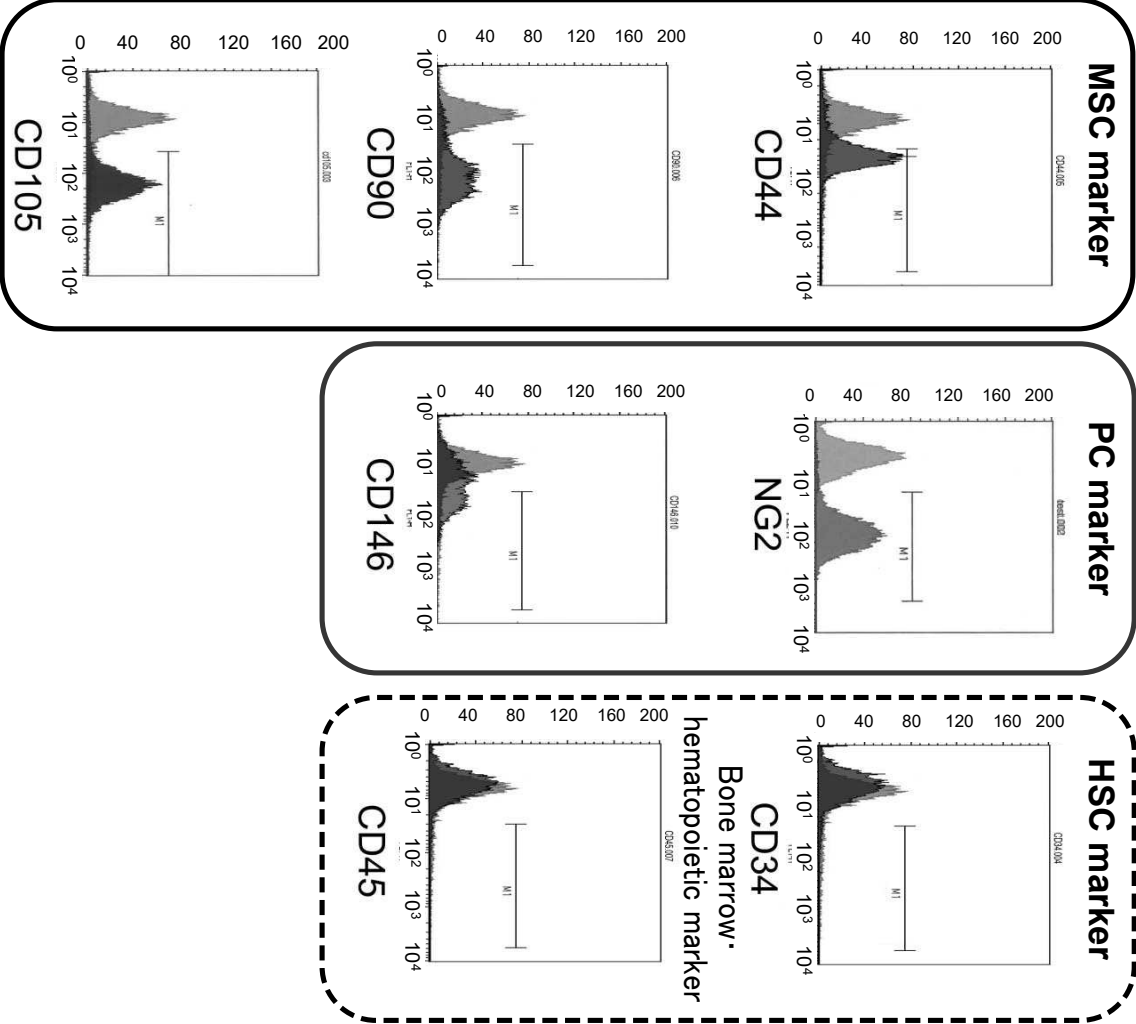


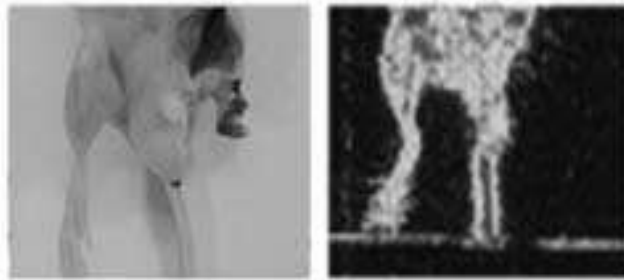
FIG.9



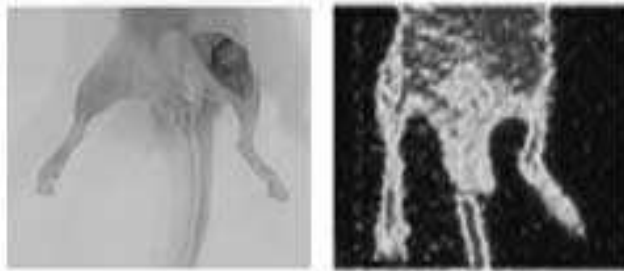
1. G3PDH
2. NG2
3. PDGFRb3
4. EphA7

FIG.10

A



No-cell-administered group (control)



CapSCs-administered group

B

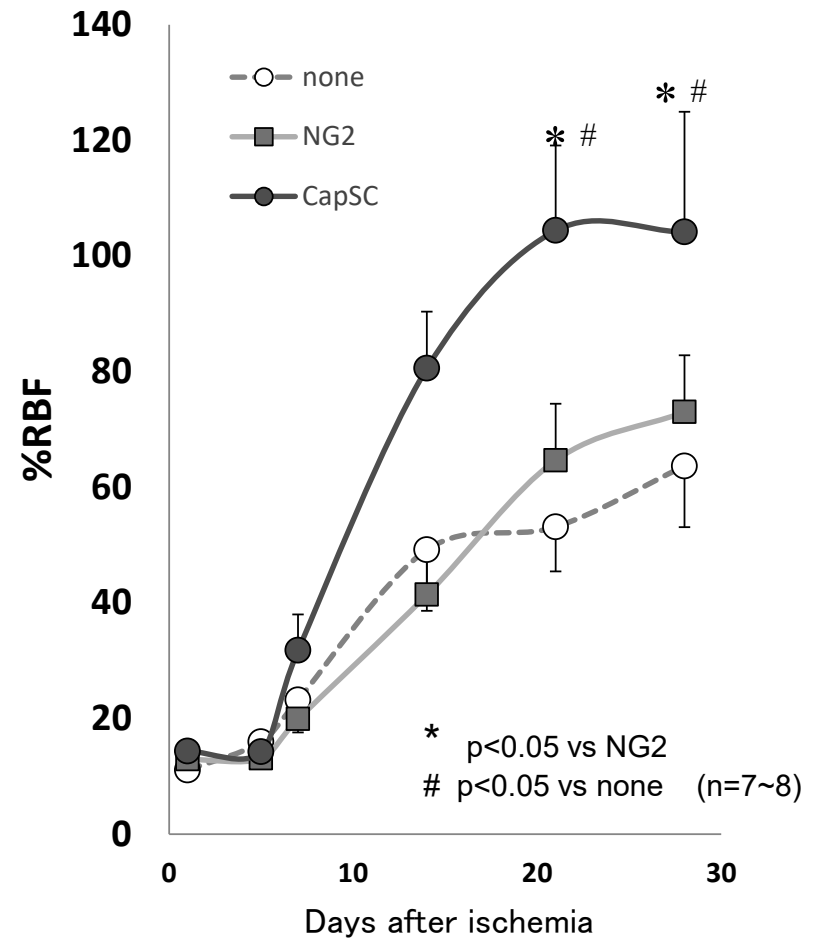
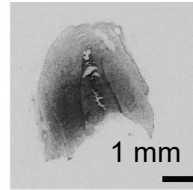
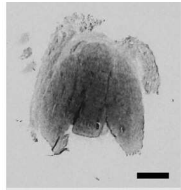
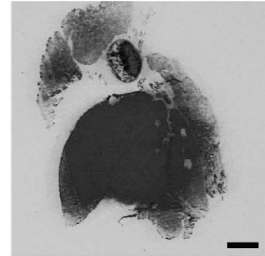
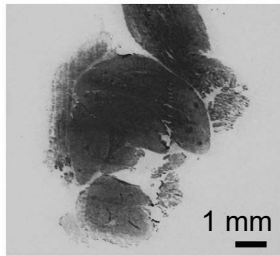


FIG.11

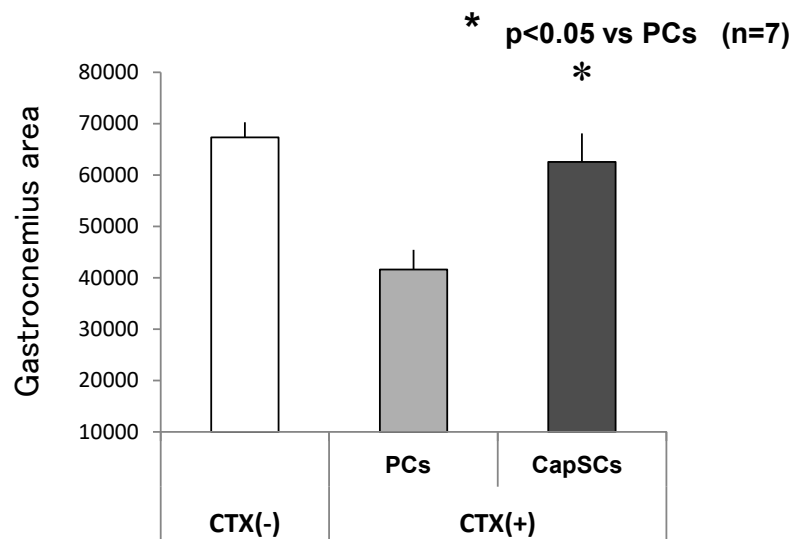
A



Control cell (PCs)-administered group

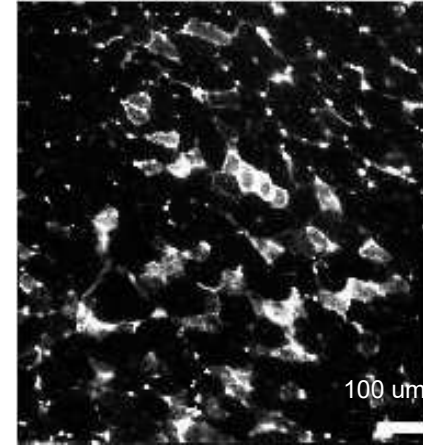


CapSCs-administered group

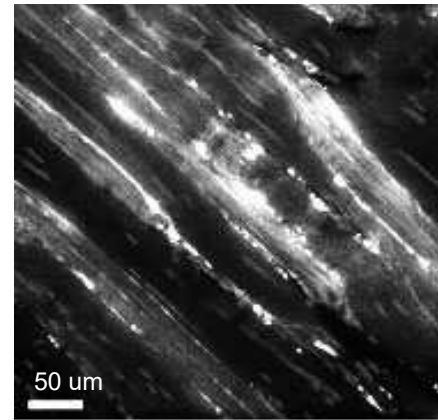


B

Skeletal muscle short-axis view



Skeletal muscle long-axis view



GFP-CapSCs (Derived from administered cell, Green fluorescent signal)

DsRed-lectin (Circulating vessel, Red fluorescent signal)

FIG.12

