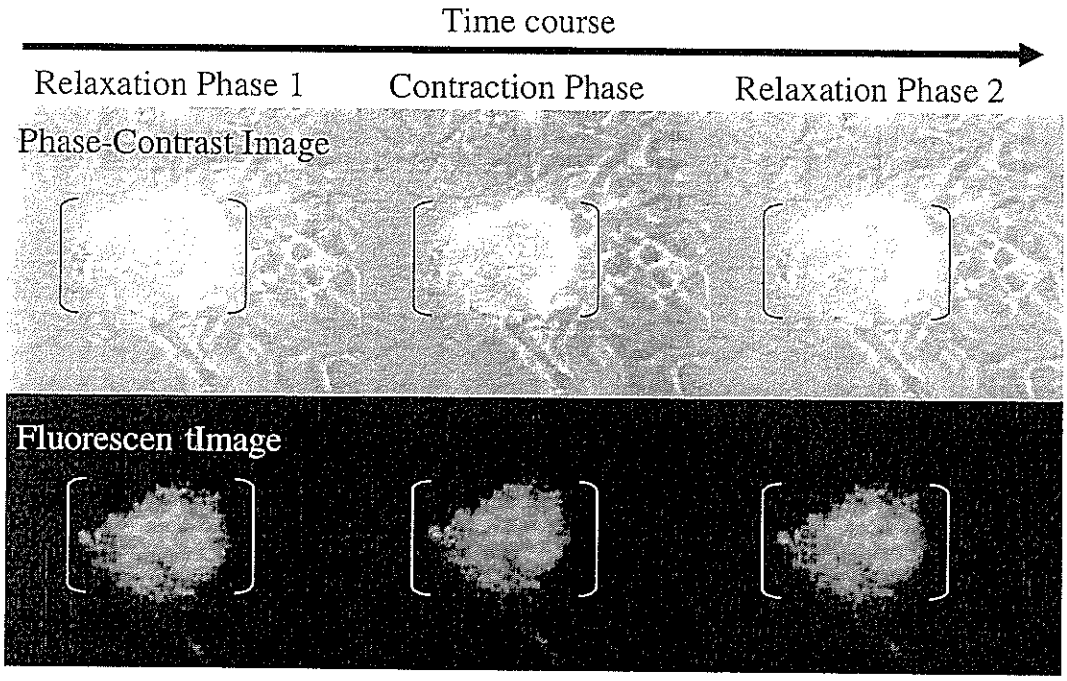
[Fig. 1]

Comparison of M7512 Fluorescent Intensity between Primary Cardiomyocytes and Non-Cardiomyocytes.



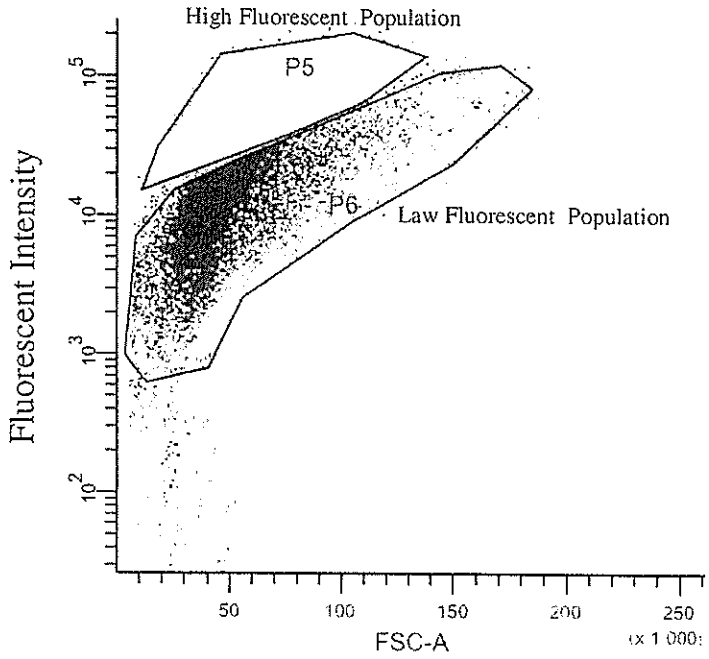
Non-Cardiomyocyte

[Fig. 2]


M7512 Staining of ES Cell-Derived Cell Population
Time course
Relaxation Phase 1
Contraction Phase
Relaxation Phase 2
Phase-Contrast Image
Fluorescen tImage

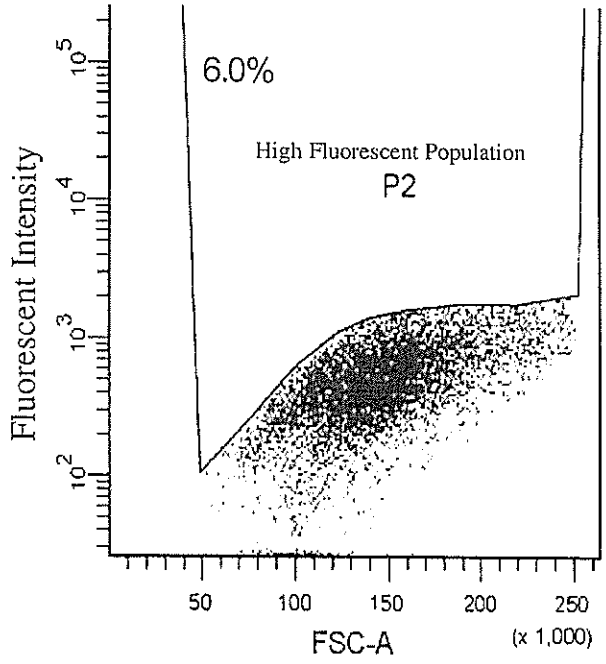
[Fig. 3]

Fluorescent Intensity Analysis of Whole Heart Constituting Cell Population Labeled with M7512 Derived from Neonatal Rats



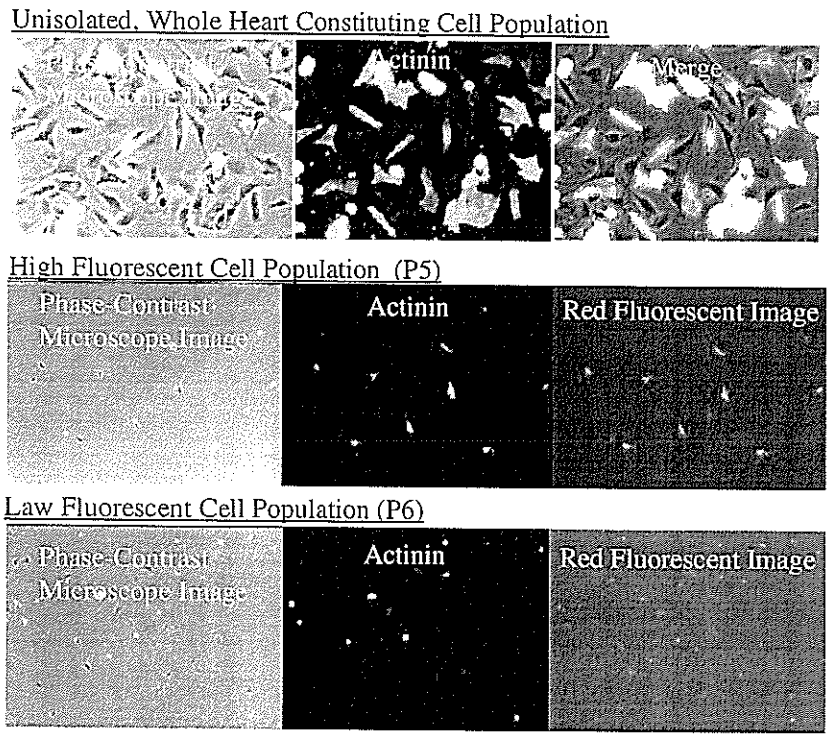
[Fig. 4]

**Isolation based on ES Cell-Derived Cardiomyocytes Labeled with M7152**



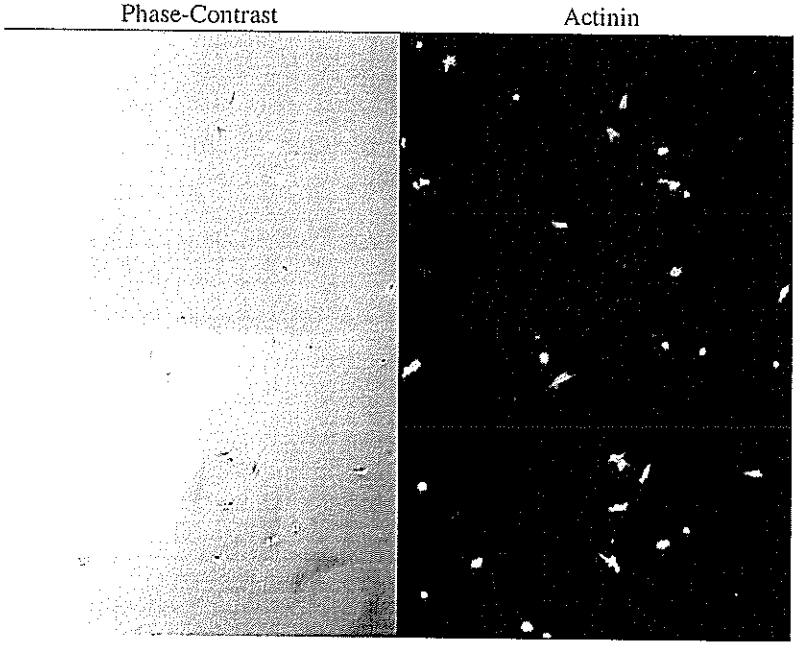
[Fig. 5]

**Staining with Actinin, Myocardial Marker, of High Fluorescent Cell Population Isolated from M7512-Labeled Whole Heart Constituting Cell Population**

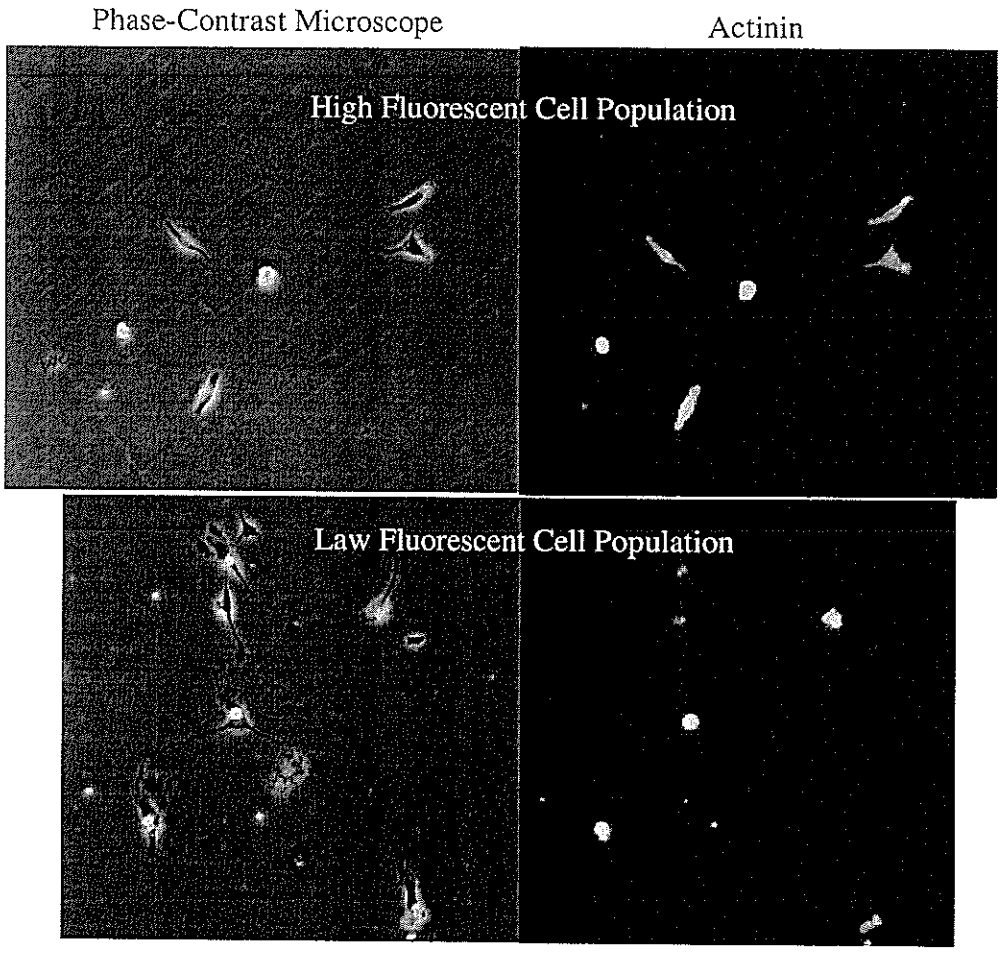


[Fig. 6]

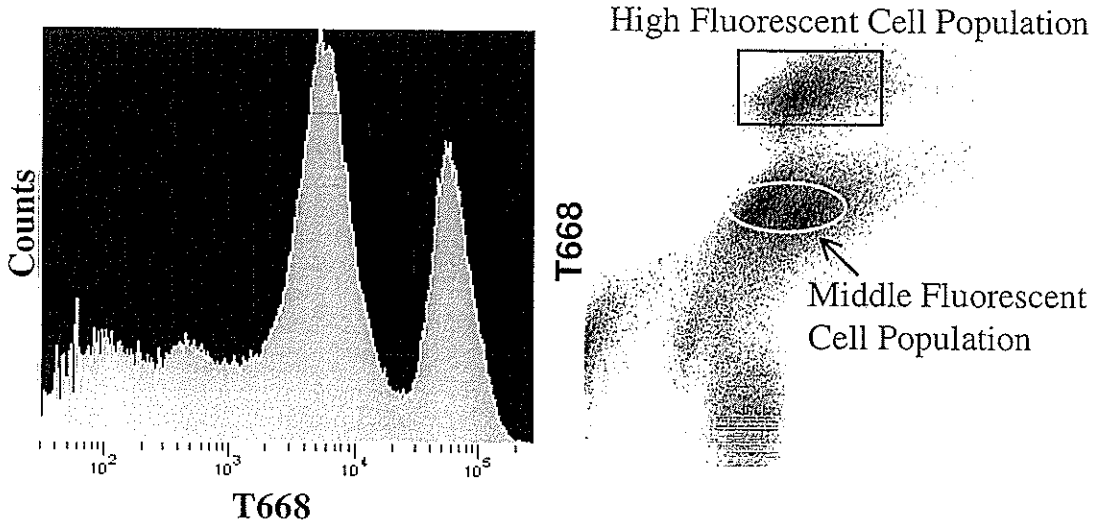
**Staining with Actinin, Myocardial Marker, of High Fluorescent Cell Population (P2) Isolated from M7512 Labeled ES Cells**



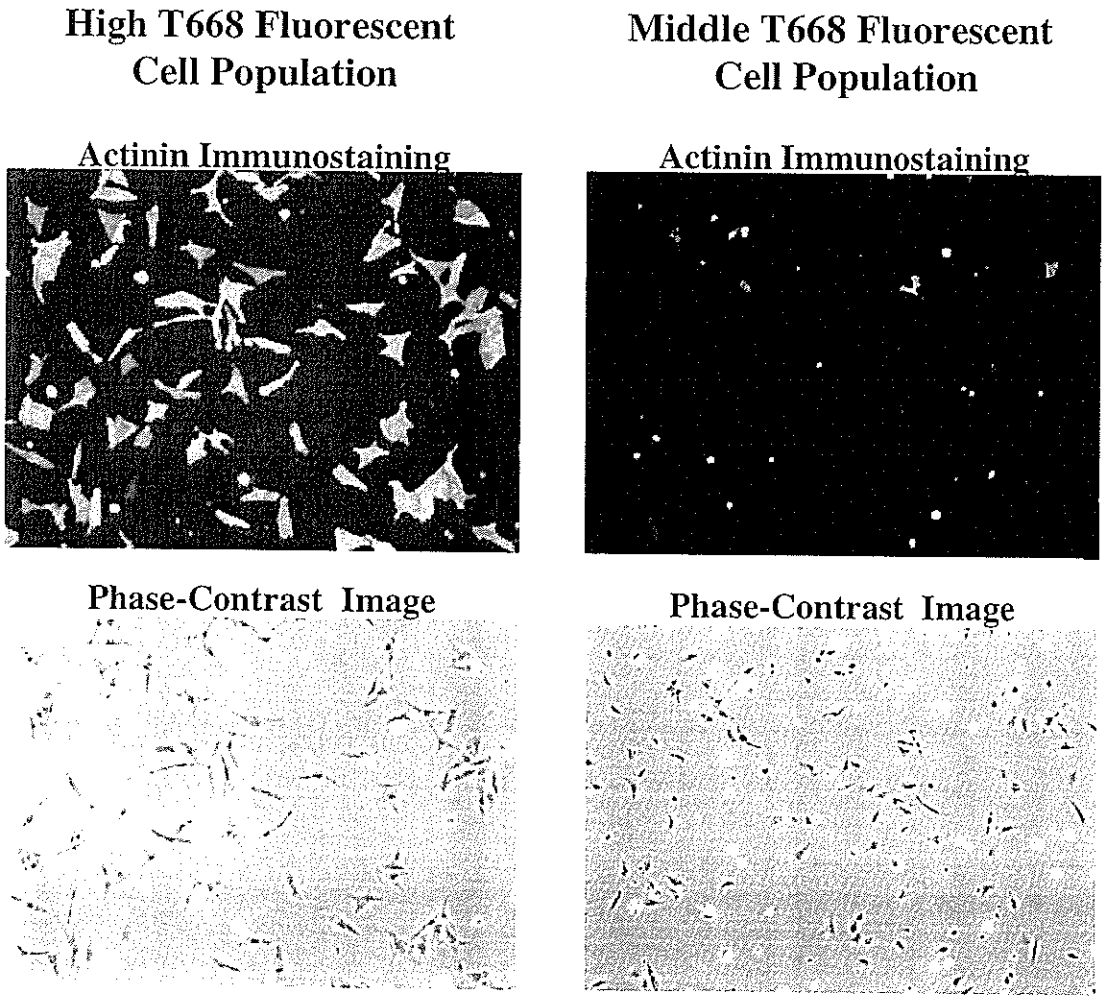
[Fig. 7]


Phase-Contrast Microscope
Actinin
High Fluorescent Cell Population
Law Fluorescent Cell Population

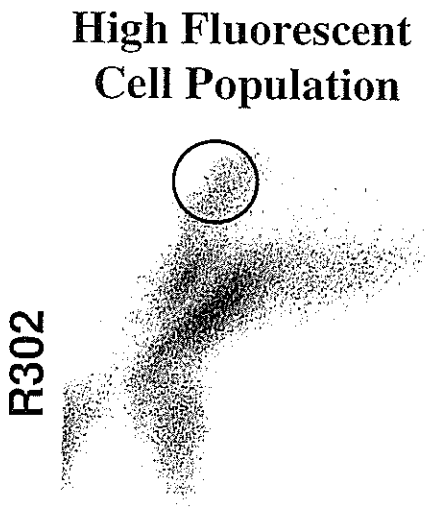
[Fig. 8-1]


Counts
$10^2$
$10^3$
$10^4$
$10^5$
T668
High Fluorescent Cell Population
T668
Middle Fluorescent
Cell Population

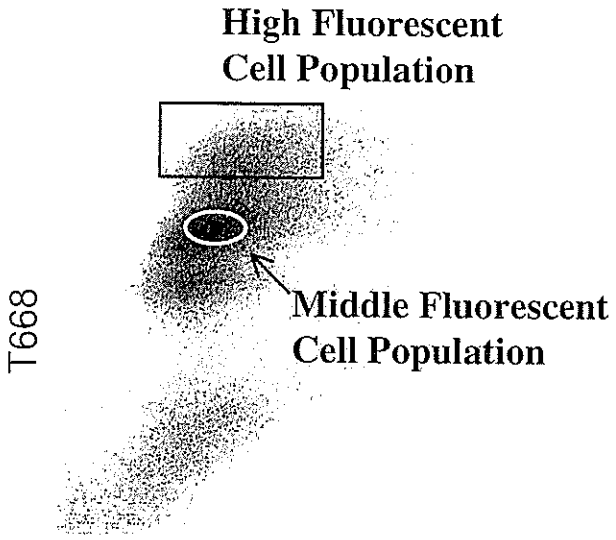
[Fig. 8-2]


High T668 Fluorescent
Cell Population
Middle T668 Fluorescent
Cell Population
Actinin Immunostaining
Actinin Immunostaining
Phase-Contrast Image
Phase-Contrast Image

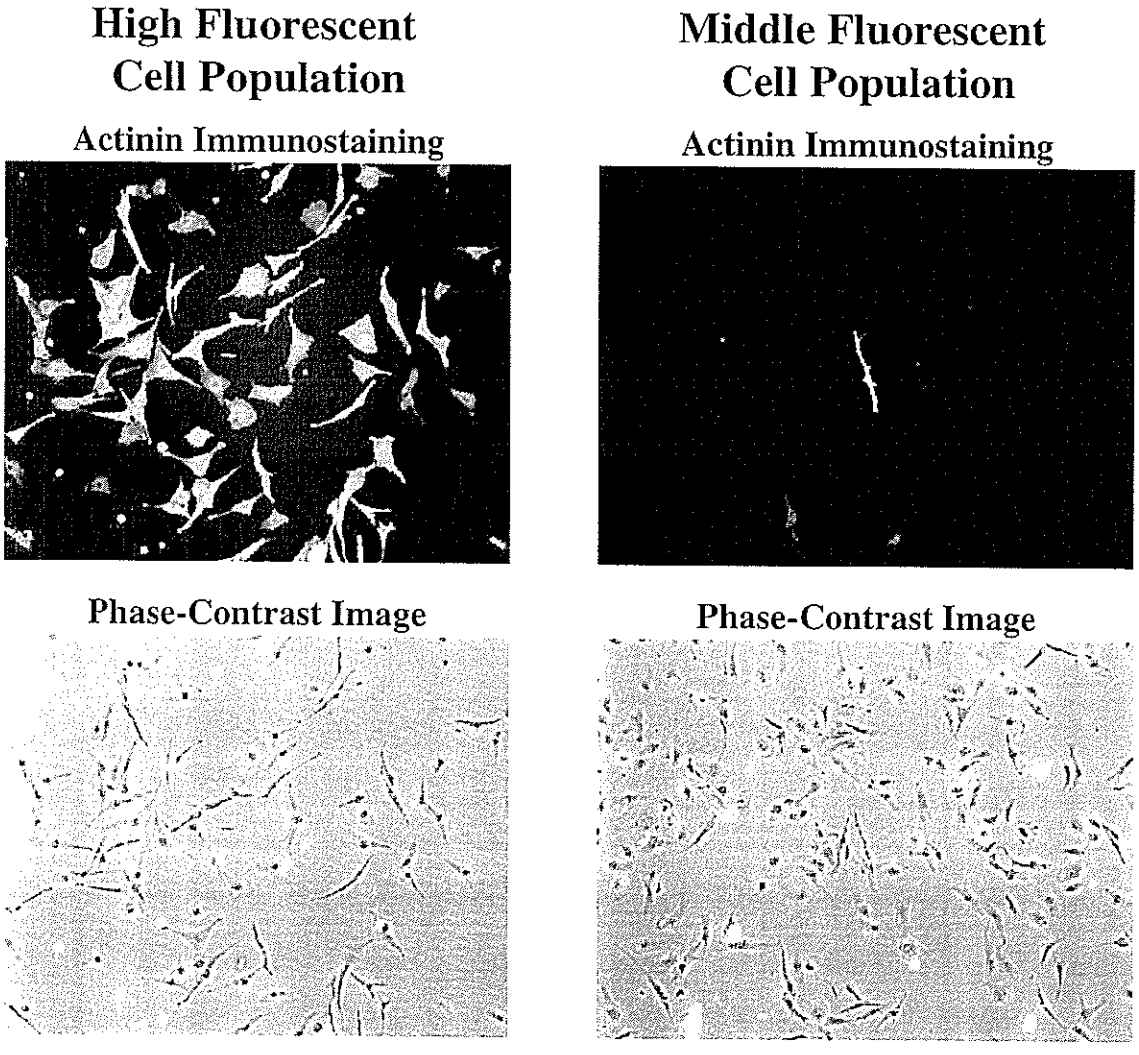
[Fig. 8-3]



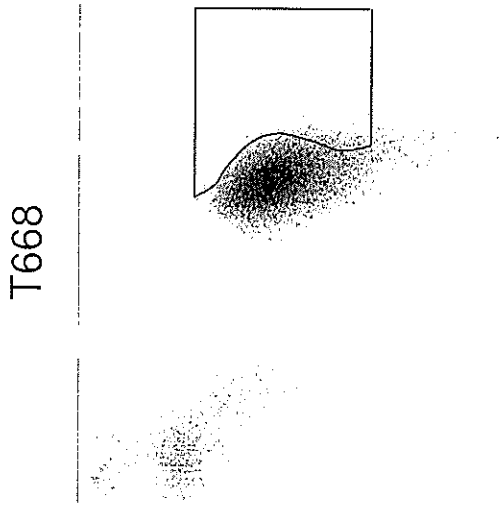
[Fig. 9-1]


High Fluorescent
Cell Population
Middle Fluorescent
Cell Population
T668

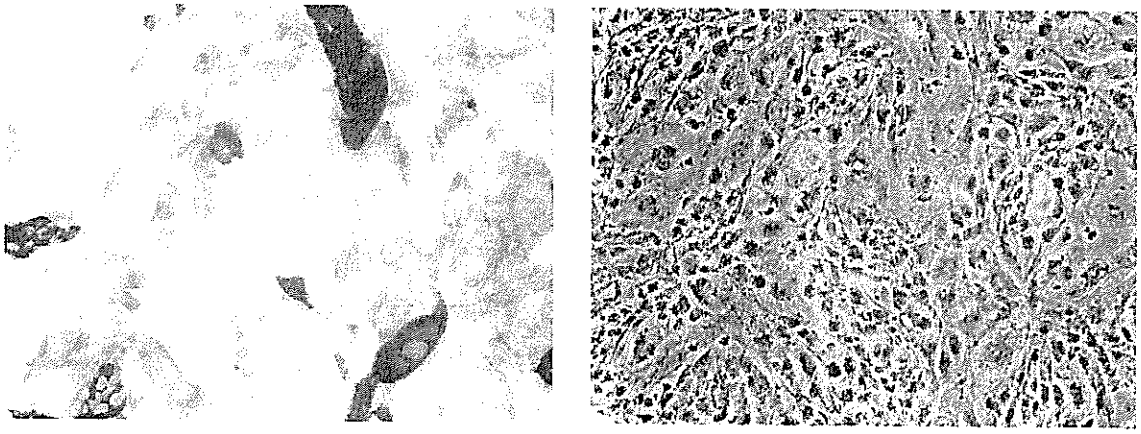
[Fig. 9-2]


High Fluorescent
Cell Population
Actinin Immunostaining
Middle Fluorescent
Cell Population
Actinin Immunostaining
Phase-Contrast Image
Phase-Contrast Image

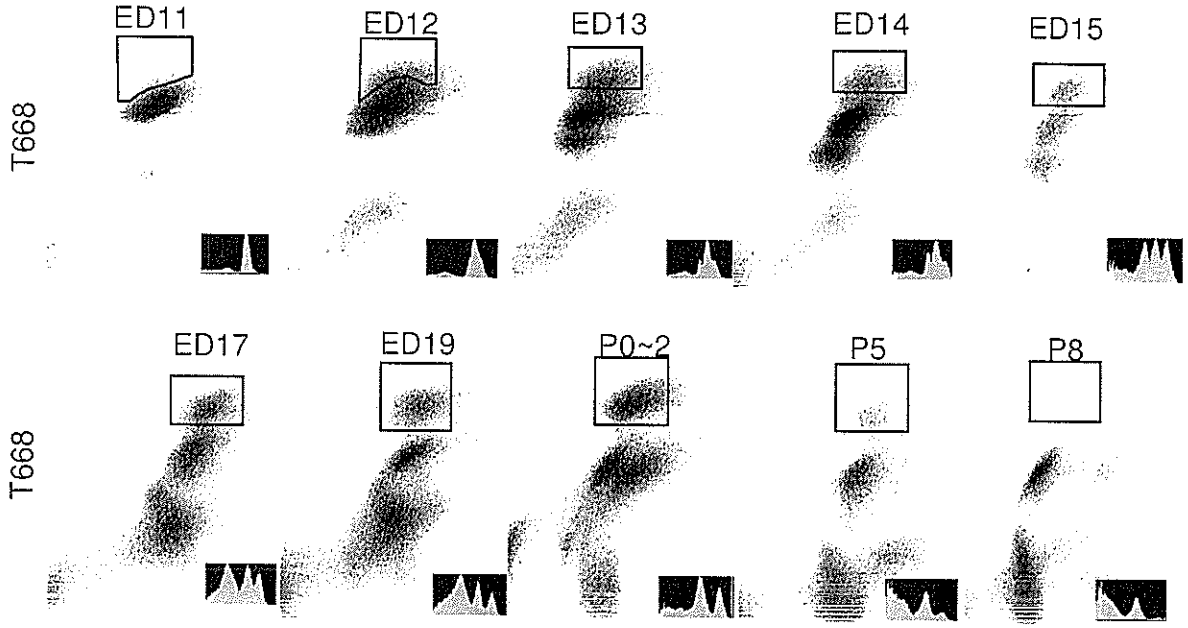
[Fig. 10-1]




[Fig. 10-2]



[Fig. 11]




[Fig. 12-1]

