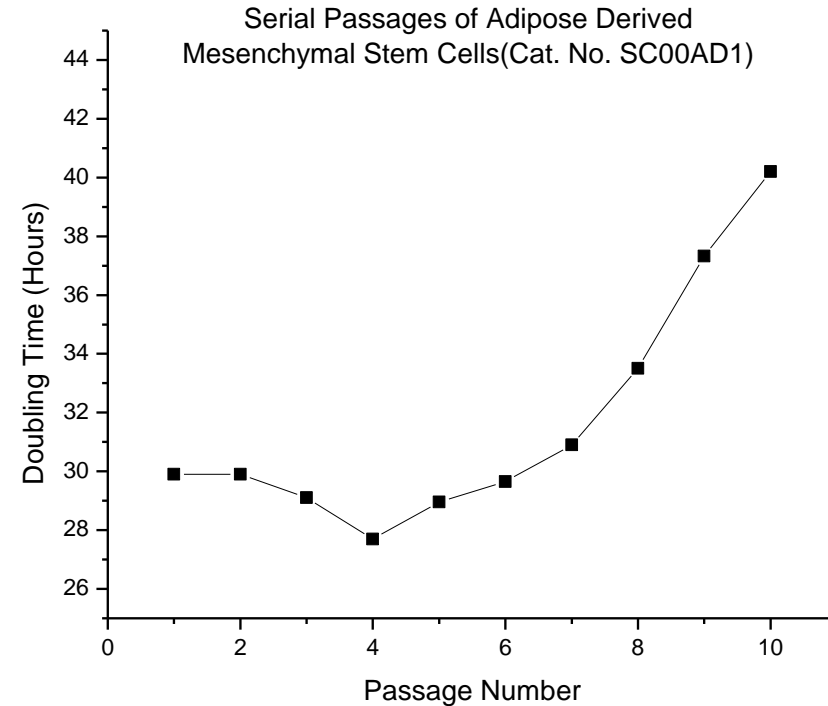
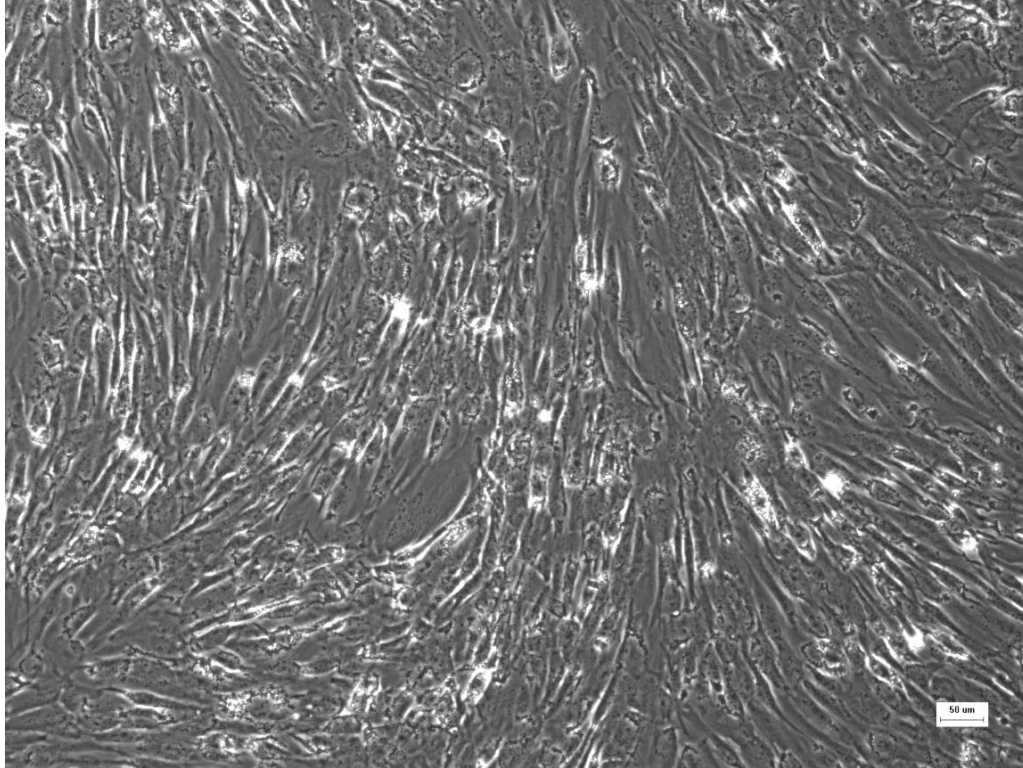


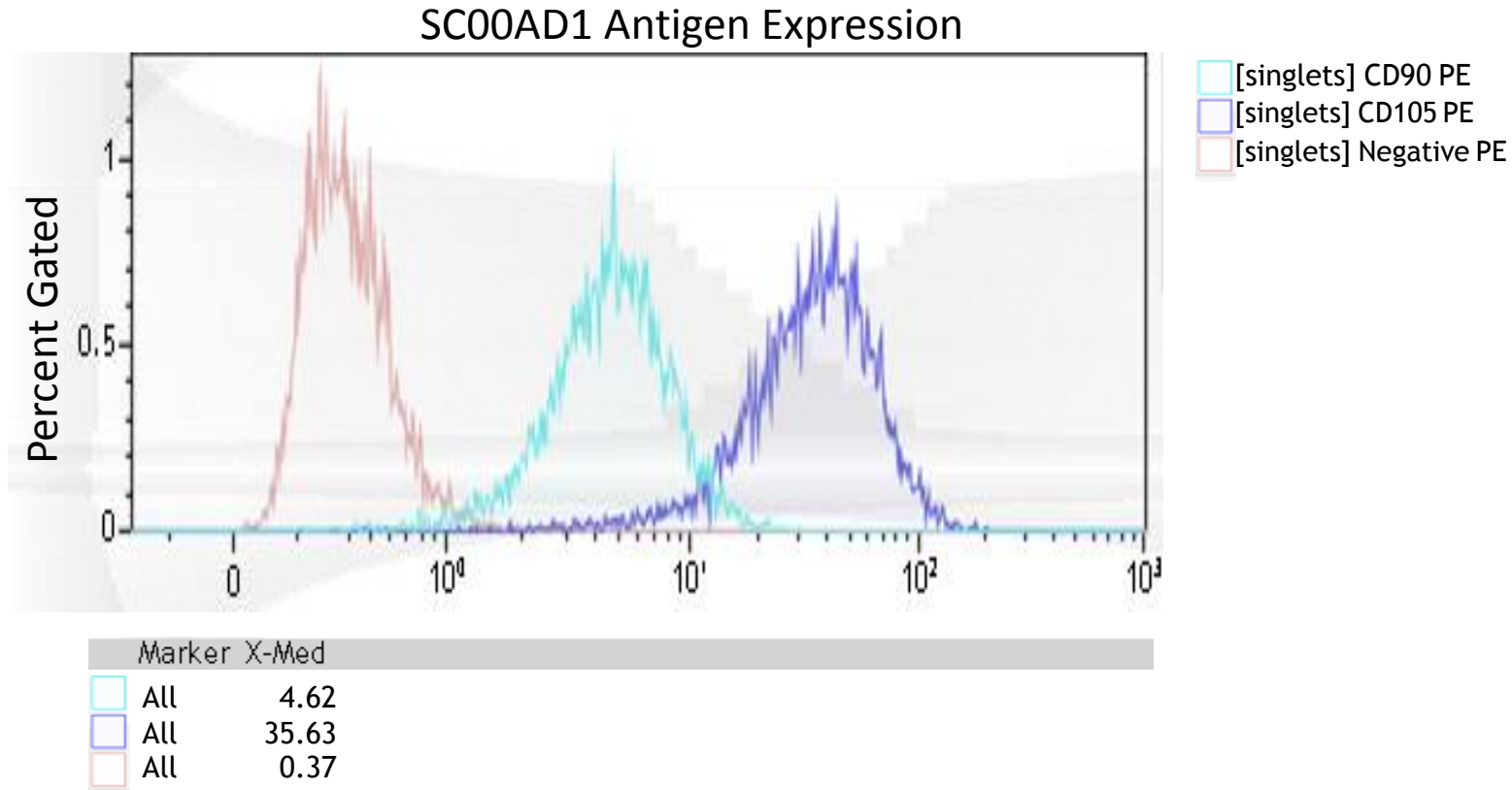
# Adipose Derived Stem Cells Catalog Number SC00AD1



Human adipose derived mesenchymal stem cells (Vitro Biopharma Cat. No. SC00AD1) were expanded for 10 passages. Cells were plated at 5,000/cm<sup>2</sup> in a Greiner Bio-One T75 flask and maintained in MSC-GRO low serum, complete medium (Vitro Biopharma Cat. No. SC00B1) in a reduced O<sub>2</sub> environment (1%O<sub>2</sub>, 5%CO<sub>2</sub>, 90%N<sub>2</sub>) at 37°C in a humidified chamber. The AD-MSCs. harvested and counted on a Beckman-Coulter Z2 particle counter (range 10-30uM). Doubling time of 23.73hrs was calculated using  $\ln(2 \cdot dT) / \ln(C_f / C_i)$ , where dT is the time, in hours, from inoculation to detachment; C<sub>i</sub> is the initial number of cells plated and C<sub>f</sub> is the final number of cells recovered from subculture.

# Adipose Derived Stem Cells Catalog Number SC00AD1

## Flow Cytometry Data



Human adipose derived mesenchymal stem cells (Vitro Biopharma Cat. No. SC00AD1) were plated at 5,000/cm<sup>2</sup> in a Greiner Bio-One T25 flask and maintained in MSC-GRO low serum, complete medium (Vitro Biopharma Cat. No. SC00B1) in a reduced O<sub>2</sub> environment (1%O<sub>2</sub>, 5%CO<sub>2</sub>, 90%N<sub>2</sub>) at 37°C in a humidified chamber. The AD-MSCs were harvested and blocked with 1% BSA for 20minutes at room temperature. Cells were stained with 1:33 CD90 & CD105 antigens and resuspended into a single cell suspension. Data was collected using a Gallios Cell Sorter at CU-Anchutz.