



**Myocardium-targeted transplantation of PHD2 shRNA-modified bone mesenchymal stem cells through ultrasound-targeted microbubble destruction protects the heart from acute myocardial infarction**

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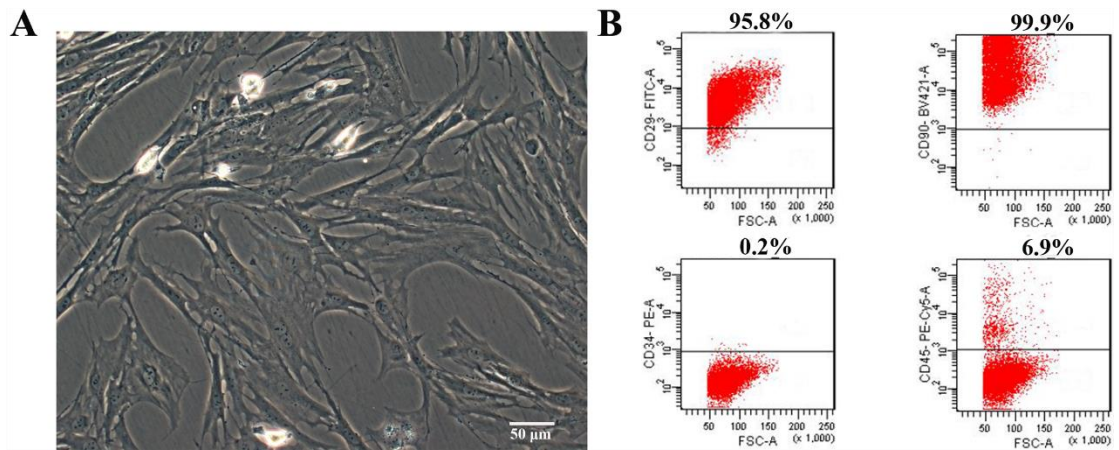
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**Figure S1. Characterization of BMSCs by microscopy and by flow cytometry.**

A. The morphology observation of BMSCs under the optical microscopy. Bar, 50μm; B. Flow cytometry of BMSCs for mesenchymal CD29, 90, 34, and 45 markers. Unstained cells acted as control.