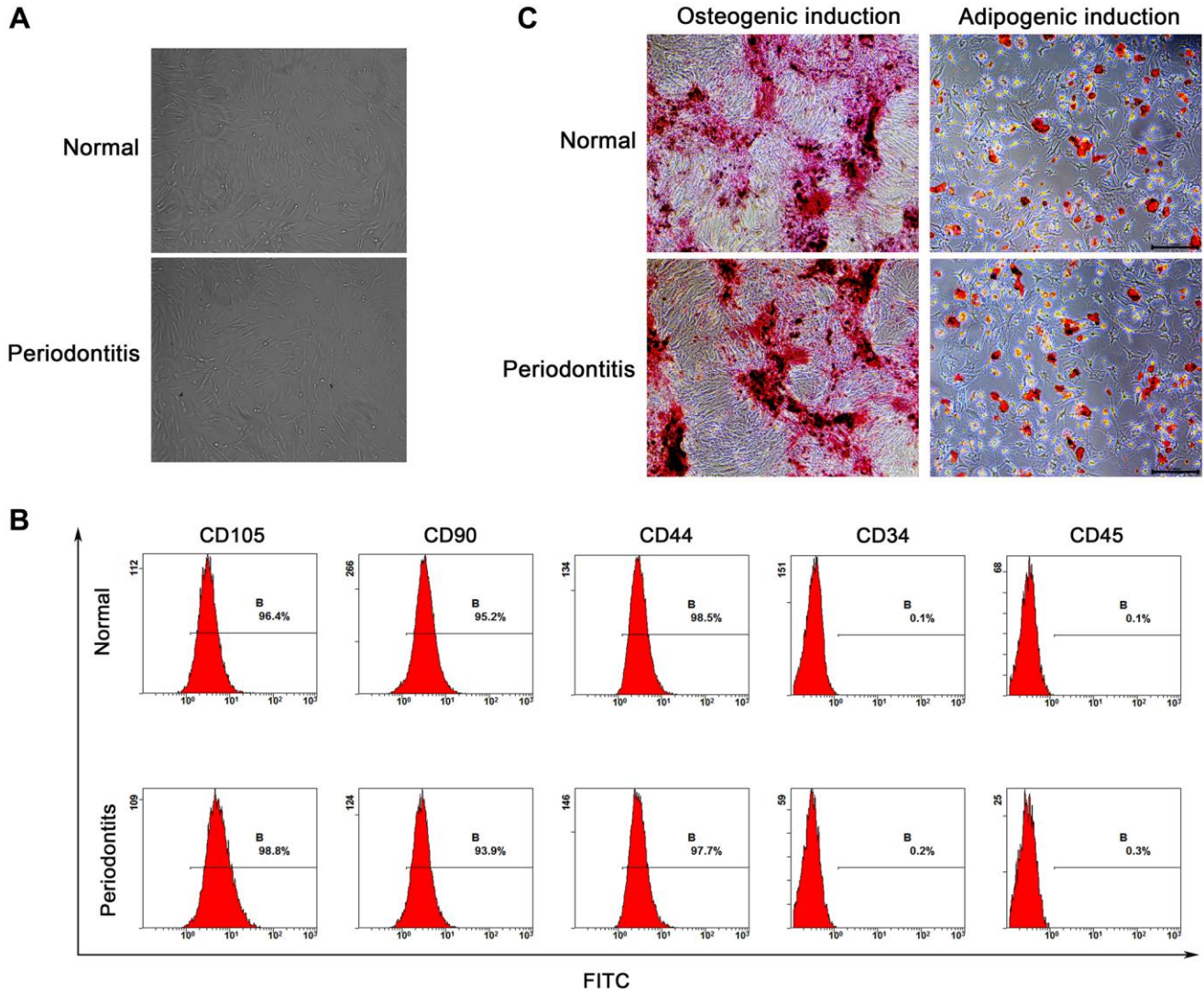


SUPPLEMENTARY FIGURE



Supplementary Figure 1. Characterization of mandibular BM-MSCs from periodontitis healthy normal mice or mice induced with periodontitis. (A) Cell morphology of mandibular bone marrow–derived MSCs at Day 14 after culturing. (B) Flow cytometric analysis of MSC markers and hematopoiesis markers in normal/periodontitis mandibular BM-MSCs. These BM-MSCs were CD105⁺CD90⁺CD44⁺CD34⁻CD45⁻. All Abs were PE-conjugated and were bought from BioLegend. (C) Multilineage differentiation capacity of established mandibular BM-MSCs. Osteogenic differentiation was confirmed by the formation of mineralized matrix in both normal/periodontitis mandibular BM-MSCs after osteogenic induction (40× magnification). Adipogenic differentiation was confirmed by oil red O staining. Lipid vacuoles cells were found in the images after adipogenic induction (200×).