**Supplementary Fig. 3.** Expression of immunomodulatory enzymes of human adipose tissue-derived mesenchymal stem cells (hAd-MSCs). (A) hAd-MSCs were stimulated with peripheral blood mononuclear cell (PBMC) supernatant that was pretreated with an antibody against a specific cytokine, as indicated in the Figure for 24 hours. Cells were harvested, total RNA was extracted, and reverse transcription polymerase chain reaction was performed for indoleamine 2,3-dioxygenase (IDO) expression. The supernatant pretreated with antibody against interferon-γ (IFN-γ) failed to induce the cells to express IDO, while others did not. (B) hAd-MSCs were stimulated with human T cell culture supernatant or with 1 ng/ml of each recombinant human cytokine as specified in the Figure. TNF-α, tumor necrosis factor-α; IL, interleukin; Sup, culture supernatant of human T cells; COX-2, cyclooxygenase-2; iNOS, inducible NO synthase.