



Figure S2. Expression of lineage marker genes in the differentiated MSCs with reference to β -Actin gene. **(a)** Osteogenic markers, *Ocn* and *Opn*, **(b)** adipogenic markers, *Adipoq* and *Pparg*, and **(c)** chondrogenic markers, *Sox9* and *Col2a1*, were used to determine the multi-lineage differentiation of AT-MSCs and CB-MSCs. MSCs cultured in basic medium without differentiation agents for the same period of time were served as controls. Gene expressions were normalized with housekeeping gene β -Actin. Experiments were performed with three replicates. Data represent mean \pm SD; * p < 0.05 and ** p < 0.01.