



SUPPLEMENTARY FIG. S3. Chemical inhibitor LY294002 of the PI3K/AKT pathway strengthened the osteogenic suppression of MSCs. As shown in (A), the inhibitory effect of ICAM-1 on ALP activity and bone matrix mineralization was strengthened after the specific inhibitor LY294002 of the PI3K/AKT was added to the MSC culture. Furthermore, the mRNA expression of Runx2 and OCN in ICAM-1^{high} MSCs was downregulated by LY294002 (B, C) ($p < 0.05$). Scale bars represent 100 μ m (A).