

SUPPLEMENTAL DATA

SUPPLEMENTAL FIGURE LEGENDS

Figure S1. The expression of EZH2 protein during neuronal differentiation. hMSCs were induced to neuronal differentiation. The protein expression of EZH2 at indicated time interval was determined by Western blotting. β -actin was used as an internal control.

Figure S2. The intracellular Ca^{2+} contents of different transfectants of hMSCs during neuronal differentiation. hMSCs containing mock, EZH2 shRNA, or both EZH2 and PIP5K1C shRNAs were induced to neuronal differentiation for 0, 1, and 5 days. Cells were collected at each time interval, and applied to measure the intracellular Ca^{2+} contents with Fluo4-AM by flow cytometry. The relative Ca^{2+} level was compared to that in mock transfectant at 0 h, and the results are shown as a bar graph in the lower panel of Fig. 6A.

SUPPLEMENTAL FIGURES

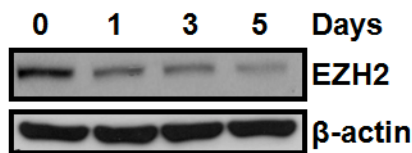


Figure S1

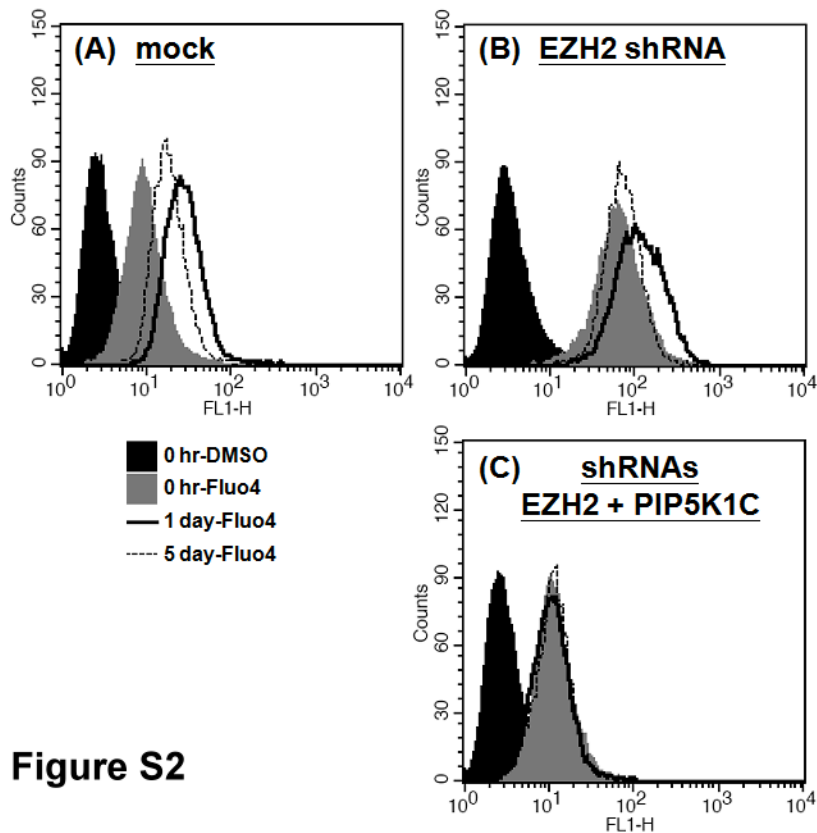


Figure S2