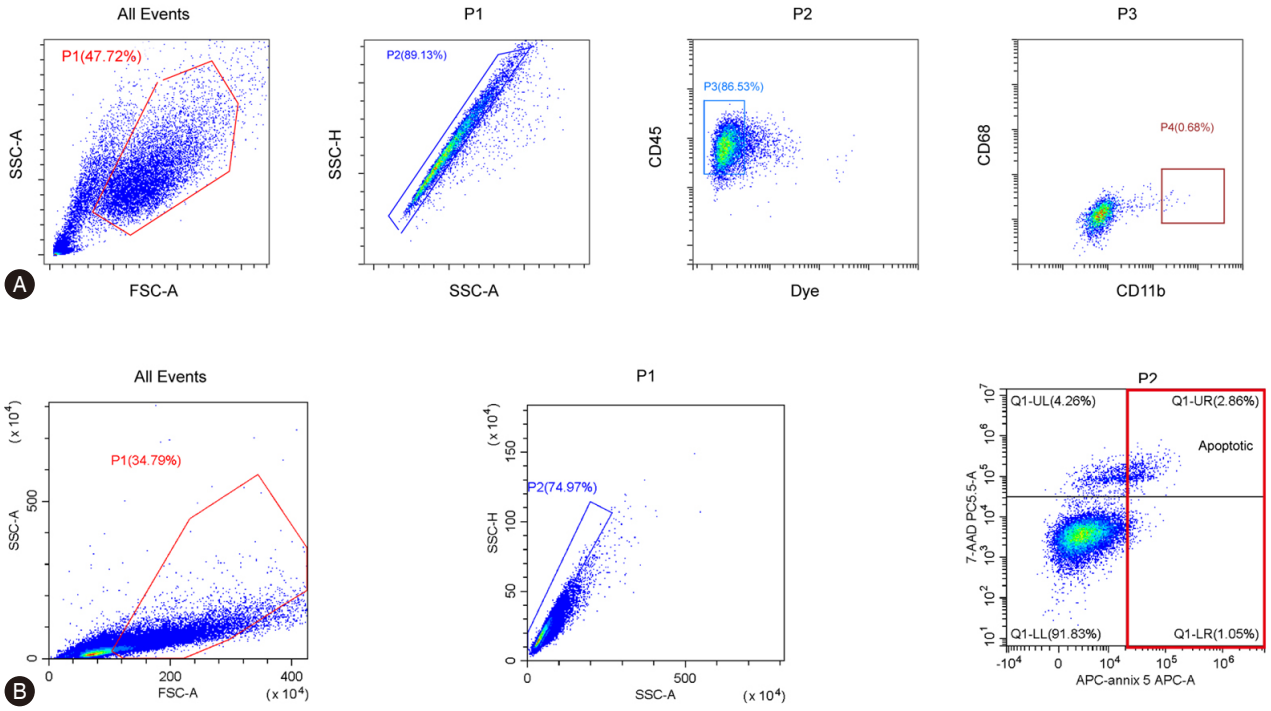

Supplementary Figure 3. Flow-cytometric gating strategy for TAM isolation and apoptosis assessment of HCC cells. (A) Flow-cytometric gating strategy for human macrophage analysis. From left to right: (All events) mononuclear cells were first gated based on FSC-A versus SSC-A (P1). (P1) Singlets were selected using SSC-H versus SSC-A (P2). (P2) Live leukocytes were identified as Dye^{-}CD45^{+} cells (P3). (P3) Macrophages were finally defined as CD11b^{+}CD68^{+} cells (P4), with the percentage of cells within each gate indicated. (B) Representative Annexin V–APC and 7-AAD staining of HCC cells treated with conditioned media from COLEC12-overexpressing or control macrophages under lenvatinib, illustrating the gating strategy used to quantify viable and apoptotic cell populations. TAM, tumor-associated macrophage; HCC, hepatocellular carcinoma.

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