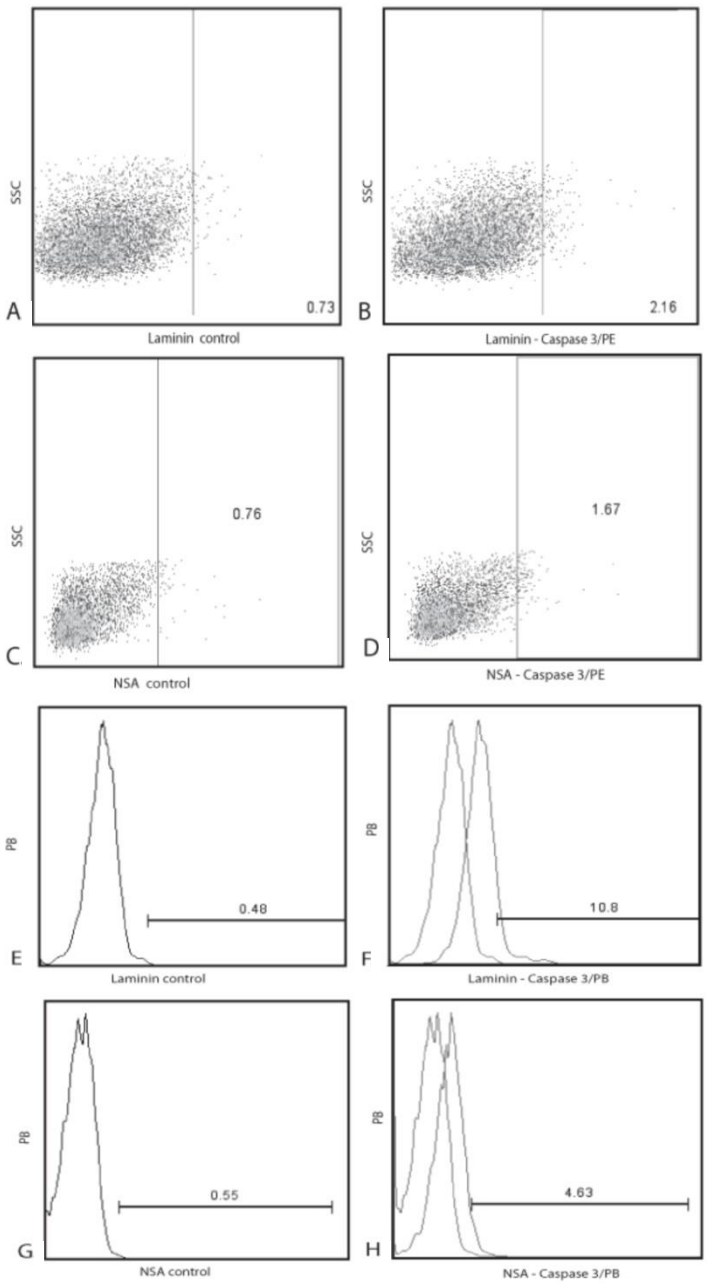

Supplementary Fig. 7. Flow cytometry plots demonstrating caspase activity staining glioblastoma cells grown in neurosphere assay (NSA) and laminin culture conditions. (A) Live cells without caspase 3 inhibitor. Using the PE (fluorochrome conjugated to the caspase 3 inhibitor) fluorescence of cells, a gate was identified (line) to separate PE -/+ cells. Applying this gate to cells with caspase 3 inhibitor (B), 2.16% of laminin cells were found to express activated caspase 3. Similarly, a gate was chosen using live NSA control cells (C). Applying this gate to cells with caspase 3 inhibitor (D), 1.67% of cells were found to express activated caspase 3. In experiments with fixed cells, using the fluorescence of pacific blue (fluorochrome conjugated to the caspase 3 antibody) of the cells with no antibody, a gate was identified to separate pacific blue -/+ cells (E, G). Applying these gates to cells with the antibody to activated caspase 3, 10.8% of laminin and 4.63% of NSA cells were found to express activated caspase 3 (F, H).