



**Supplementary Figure S7. Immunofluorescence staining of  $\gamma$ H2AX DNA damage marker in human CD34+ hematopoietic progenitor cells.** Human CD34-positive hematopoietic progenitor cells were isolated from human umbilical cord blood. Cells were either left untreated or irradiated (10 Gy) for 1h. Intensities of  $\gamma$ H2AX staining in individual cells were analyzed by immunofluorescence (n>25). Red bars represent the median  $\gamma$ H2AX intensities of the indicated cell populations.