**Figure 2**

A. Immunofluorescence images of U2OS and U2OS CDC25B cells showing γ-H2AX (red) and HA-CDC25B (green) localization.

B. Western blot analysis of U2OS and U2OS CDC25B cells treated with or without tetrazolium. Blots for HA-CDC25B, H2AX, and CDC25B are shown.

C. Flow cytometry analysis of γ-H2AX positive cells in U2OS and U2OS CDC25B cells. The percentage of γ-H2AX positive cells is shown.

D. Immunofluorescence images of HCT116 and HCT116 CDC25B+ cells showing γ-H2AX (red) and HA-CDC25B (green) localization. Western blot analysis for HA, H2AX, and Actin in HCT 116 parental and CDC25B+ cells.

Legend:
- γ-H2AX: γ-H2AX staining
- HA-CDC25B: HA-CDC25B staining
- BrdU: Bromodeoxyuridine labeling
- Actin: Actin staining
- IP: Immunoprecipitation
- A.U.: Arbitrary units

Statistical significance: p<0.0001