Cytoplasmic localization of wild type survivin is associated to constitutive activation of PI3k/akt signaling pathway and represents a favorable prognostic factor in acute myeloid leukemia patients.

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Please describe the contributions of each author, indicating who was responsible for each part of the study and the preparation of the manuscript (collection of data, experiments, data analysis, generation of figures, collection of images, interpretation of data, preparation of the text, etc.)

Contribution: J.S.L., J.S., J.S.G., S.T., J.C.S and A.T.G. designed the research, conducted the study, collected patients, carried out the statistical analyses and reviewed all data and the manuscript; J.S.L., V.F. performed experiments and generated gel figures J.S.G wrote the paper, prepared tables and figures.

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