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Cover picture: Both of these cells were microinjected with the 3F3/2 monoclonal antibody, which recognizes a phosphorylated epitope on kinetochores and centrosomes, and then labeled with a fluorescent secondary antibody (*red*) and the DNA label YoPro-1 (*green*). Injection of 3F3/2 antibody inhibits the normal dephosphorylation of the kinetochore epitope and delays cells in metaphase (*left*). Injected cells eventually overcome the delay and enter anaphase, by which time the kinetochore epitope has become dephosphorylated (*right*). See related article in this issue by Campbell and Gorbsky, 1195–1204.

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