

## $\gamma$ H2AX Immunofluorescence Assay for Biopsy Slides

### NCI Publications

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[Development of a validated immunofluorescence assay for  \$\gamma\$ H2AX as a pharmacodynamic marker of topoisomerase I inhibitor activity](#)

Kinders RJ, Hollingshead M, Lawrence S, Ji J, Tabb B, Bonner WM, Pommier Y, Rubinstein L, Evrard YA, Parchment RE, Tomaszewski J, Doroshow JH; for the National Cancer Institute Phase 0 Clinical Trials Team. 2010. *Clinical Cancer Research* 16(22). p. 5447-57. PMID: 20924131

[Histone  \$\gamma\$ H2AX and poly\(ADP-ribose\) as clinical pharmacodynamic biomarkers](#)

Redon CE, Nakamura AJ, Zhang YW, Ji JJ, Bonner WM, Kinders RJ, Parchment RE, Doroshow JH, Pommier Y. 2010. *Clinical Cancer Research* 16(18). p. 4532-42. PMID: 20823146.

[Increased antitumor activity of bevacizumab in combination with hypoxia inducible factor-1 inhibition.](#)

Rapisarda A, Hollingshead M, Uranchimeg B, Bonomi CA, Borgel SD, Carter JP, Gehrs B, Raffeld M, Kinders RJ, Parchment R, Anver MR, Shoemaker RH, Melillo G. 2009. *Molecular Cancer Therapeutics* 8(7). p. 1867-77. PMID: PMC2745101.