Store at -20C

4309

Phospho-Histone H2A.X (Ser139) (20E3) Rabbit mAb (Biotinylated)



Orders:	877-616-CELL (2355) orders@cellsignal.com
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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: WB	Reactivity: H M R Mk	Sensitivity: Endogenous	<b>MW (kDa):</b> 15	Source/Isotype: Rabbit IgG	UniProt ID: #P16104	Entrez-Gene Id: 3014
Product Usage Information	Ар	plication			Dilution	
	We	estern Blotting			1:1000	
Storage		Supplied in 136 mM NaCl, 2.6 mM KCl, 12 mM sodium phosphate (pH 7.4) dibasic, 2 mg/ml BSA, and 50% glycerol. Store at –20°C. Do not aliquot the antibodies.				
Specificity / Sensitiv	,	Phospho-Histone H2A.X (Ser139) (20E3) Rabbit mAb (Biotinylated) detects endogenous levels of H2A.X only when phosphorylated at Ser139.				
Source / Purification	-	Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Ser139 of human H2A.X protein.				
Product Description	antil	This Cell Signaling Technology antibody is conjugated to biotin under optimal conditions. The biotinylated antibody is expected to exhibit the same species cross-reactivity as the unconjugated antibody (Phospho-Histone H2A.X (Ser139) (20E3) Rabbit mAb #9718).				
MW (kDa)		15				

https://www.cellsignal.com/datasheet.jsp?productId=4309&images=0&protocol=0

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5/24, 11:33 AM PI Background Background Referen	
<b>.</b>	<ol> <li>Rogakou, E.P. et al. (1998) J Biol Chem 273, 5858-68.</li> <li>Burma, S. et al. (2001) J Biol Chem 276, 42462-7.</li> <li>Rogakou, E.P. et al. (1999) J Cell Biol 146, 905-16.</li> <li>Mukherjee, B. et al. (2006) DNA Repair (Amst) 5, 575-90.</li> <li>Solier, S. et al. (2009) Mol Cell Biol 29, 68-82.</li> <li>Lu, C. et al. (2006) Mol Cell 23, 121-32.</li> <li>Lu, C. et al. (2008) FEBS Lett 582, 2703-8.</li> <li>Cook, P.J. et al. (2009) Nature 458, 591-6.</li> <li>Xiao, A. et al. (2009) Nature 457, 57-62.</li> </ol>
Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
Western Blot Buffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.
Applications Key	WB: Western Blotting
Cross-Reactivity Key	<ul> <li>H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster</li> <li>X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse</li> <li>GP: Guinea Pig Rab: rabbit All: all species expected</li> </ul>
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