Ubiquityl-Histone H2B (Lys120) (D11) XP[®] Rabbit mAb (PE Conjugate)



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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: FC-FP	Reactivity: H M R Mk	Sensitivity: Endogenous	Source/Isotype: Rabbit IgG	UniProt ID: #P33778	Entrez-Gene Id: 3018
Product Usage Information		Application Flow Cytometry (Fixed/P	ermeabilized)		Dilution 1:50
Storage		Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. Do not aliquot the antibody. Protect from light. Do not freeze.			
Specificity/Sensitivity		Ubiquityl-Histone H2B (Lys120) (D11) XP [®] Rabbit mAb (PE Conjugate) detects endogenous levels of histone H2B protein only when ubiquitylated on Lys120. The antibody does not cross-react with other ubiquitylated proteins or free ubiquitin.			
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to the carboxy terminus of the human histone H2B protein in which Lys120 is mono-ubiquitylated.			
Description		This Cell Signaling Technology antibody is conjugated to phycoerythrin (PE) and tested in-house for direct flow cytometry analysis in human cells. This antibody is expected to exhibit the same species cross-reactivity as the unconjugated Ubiquityl-Histone H2B (Lys120) (D11) XP [®] Rabbit mAb #5546.			
Background					
Background References		 Peterson, C.L. and Laniel, M.A. (2004) <i>Curr Biol</i> 14, R546-51. Liu, F. and Walters, K.J. (2010) <i>Trends Biochem Sci</i> 35, 352-60. Kim, J. et al. (2009) <i>Cell</i> 137, 459-71. Wood, A. et al. (2003) <i>J Biol Chem</i> 278, 34739-42. Xiao, T. et al. (2005) <i>Mol Cell Biol</i> 25, 637-51. Minsky, N. et al. (2008) <i>Nat Cell Biol</i> 10, 483-8. Pavri, R. et al. (2006) <i>Cell</i> 125, 703-17. Fleming, A.B. et al. (2008) <i>Mol Cell</i> 31, 57-66. Shilatifard, A. (2006) <i>Annu Rev Biochem</i> 75, 243-69. Wyce, A. et al. (2004) <i>Novartis Found Symp</i> 259, 63-73; discussion 73-7, 163-9. 			

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Applications Key

FC-FP: Flow Cytometry (Fixed/Permeabilized)

Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey

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