

Anti-Histone H3 (Phospho-S10) Antibody

Catalog #	Source	Reactivity	Applications
CQA9357	Mouse	H, M	WB
Description	Mouse monoclonal antibody to Histone H3 (Phospho-S10)		
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S10 of human Histone H3 protein. The exact sequence is proprietary.		
Purification	This antibody is purified through a protein G column.		
Specificity	Recognizes endogenous levels of Histone H3 protein only when phosphorylated at S10.		
Clonality	Monoclonal		
Conjugation			
Form	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	H3F3A; H3F3B		
Alternative Names	H3.3A; H3F3; H3.3B; Histone H3.3		
Entrez Gene	30203021 (Human); 1507815081 (Mouse)		
SwissProt	P84243 (Human); P84244 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet



Western blot analysis of Histone H3 (Phospho-S10) expression in HL60 treated with 100nM of calyculin (A) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 17 kD)

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