

Product Data Sheet

Anti-Histone H3 (MonoMethyl R26) Antibody

Catalog #	Source	Reactivity	Applications
CQA2888	Rabbit	H, M, R	WB, IF/IC, IP
Description	Rabbit polyclonal antibody to Histone H3 (MonoMethyl R26)		
Immunogen	A synthetic methylated peptide corresponding to residues surrounding R26 of human Histone H3 (MonoMethyl R26)		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Histone H3 (MonoMethyl R26) protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200), IP (1/50 - 1/100)		
Gene Symbol	HIST3H3		
Alternative Names	H3FT; Histone H3.1t; H3/t; H3t; H3/g		
Entrez Gene	8290 (Human)		
SwissProt	Q16695 (Human)		
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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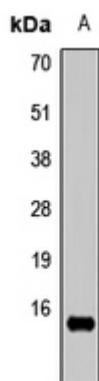
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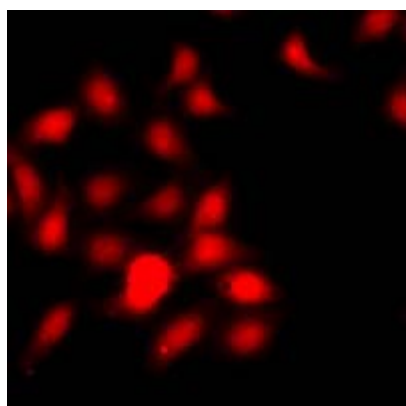
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Western blot analysis of Histone H3 (MonoMethyl R26) expression in HeLa (A) whole cell lysates.



Immunofluorescent analysis of Histone H3 (MonoMethyl R26) staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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