

## Product datasheet for **TA160005**

### Acetyl-Histone H3 (Lys14) Rabbit Monoclonal Antibody [Clone ID: RM130]

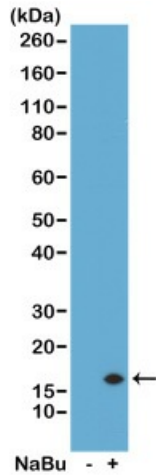
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	RM130
Applications:	WB
Recommended Dilution:	WB: 0.5 ug/mL - 2 ug/mL;; ELISA: 0.2 ug/mL - 1 ug/mL;; Multiplex: 0.1 ug/mL - 0.5 ug/mL.
Reactivity:	All Species
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	An acetyl-peptide corresponding to the Acetyl-Histone H3 (Lys14)
Formulation:	PBS with 1% BSA and 0.09% sodium azide
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Note:	RM130 reacts to Histone H3 acetylated at Lysine 14 (K14ac), and is not aff

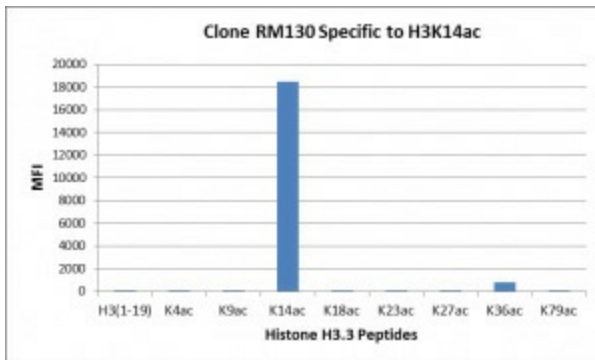


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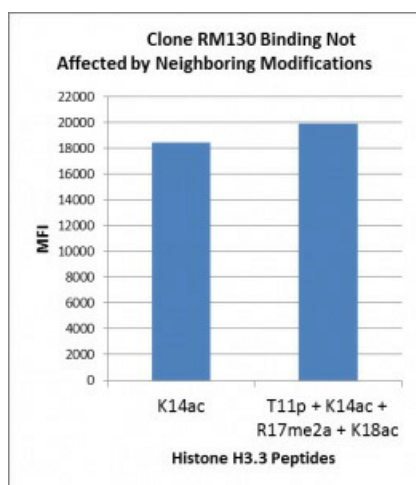
Product images:



Western Blot of acid extracts from HeLa cells untreated (-) or treated with sodium butyrate (+) or, using Anti-H3K14ac antibody at 0.5 ug/mL, showed a band of histone H3 acetylated at Lysine 14 in treated HeLa.



Anti-H3K14ac antibody specifically reacts to Histone H3 acetylated at Lysine 14 (K14ac). No cross reactivity with acetylated Lysine 4 (K4ac), Lysine 9 (K9ac), Lysine 18 (K18ac), Lysine 23 (K23ac), Lysine 27 (K27ac), Lysine 36 (K36ac), or lysine 79 (K79ac)



The specific binding of Anti-H3K14ac antibody to Histone H3 acetylated at Lysine 14 (K14ac) is not affected by the modification of neighboring amino acids.