

## Histone H3K14ac (Acetyl Lys14) antibody [RM130]

Cat. No. GTX60874

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, ChIP assay
Reactivity	Human

Package  
100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	0.5 µg/mL - 2 µg/mL
ICC/IF	0.5 µg/mL - 2 µg/mL
ELISA	0.2 µg/mL - 1 µg/mL
ChIP assay	2 µg/mL - 10 µg/mL

Not tested in other applications.

## Product Note

This antibody reacts to Histone H3 acetylated at Lysine 14 (K14ac), and is not affected by the modification of neighboring amino acids. 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) in histone H3.

## Properties

Form	Liquid
Buffer	PBS, 1% BSA, 50% Glycerol
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	An acetyl-peptide corresponding to Acetyl-Histone H3 (Lys14)
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated



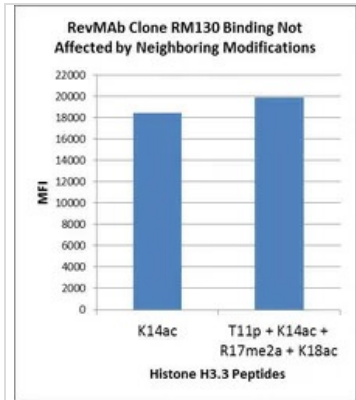
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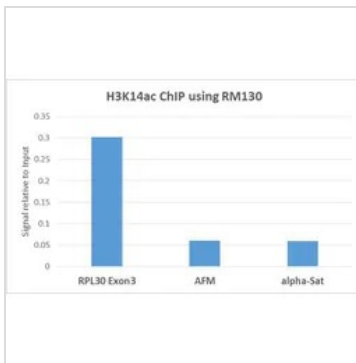
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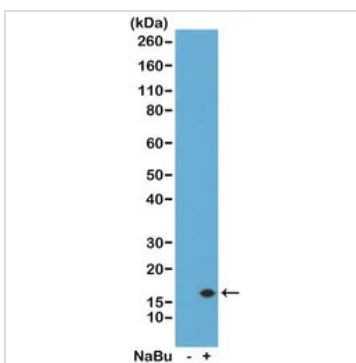
**DATA IMAGES**

**GTx60874 Image**

The binding specificity of RM130 to Histone H3 acetylated at Lysine 14 (K14ac) is not affected by the modification of neighboring amino acids.


**GTx60874 ChIP assay Image**

ChIP analysis of HeLa cells using GTx60874 Histone H3K14ac (Acetyl Lys14) antibody [RM130]. Real-time PCR was performed using primers specific to the gene indicated.

Antibody amount : 5µg


**GTx60874 WB Image**

WB analysis of acid extracts from HeLa cells untreated (-) or treated with sodium butyrate (+) using GTx60874 Histone H3K14ac (Acetyl Lys14) antibody [RM130].

Dilution : 0.5µg/ml



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