

## Histone H3K18ac (Acetyl Lys18) antibody [RM166]

## Cat. No. GTX60886

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, ChIP assay, IHC, Sandwich ELISA
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
IHC	1 µg/mL - 10 µg/mL
Sandwich ELISA	Assay dependent

**Note : Capture : GTX60888, Detection : GTX60886. Please notice that GTX60886 needs to be conjugated to Biotin to function as the detection antibody when paired with GTX60888. Biotin-conjugated form is not provided.**

Not tested in other applications.

Product Note	This antibody reacts to Histone H3 acetylated at Lysine 18 (K18ac). No cross reactivity with other acetylated Lysines in histone H3.
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## 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 (Lys18).
Purification	Protein A purified From tissue culture supernatant



For full product information, images and publications, please visit our [website](#).

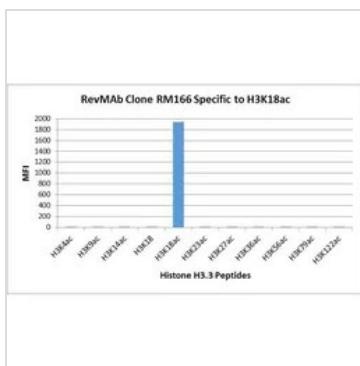
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**Conjugation**

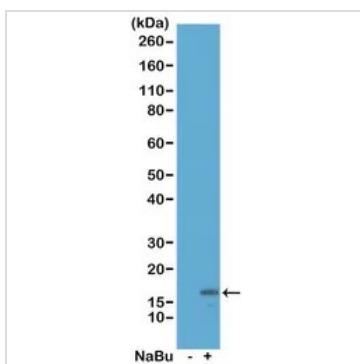
Unconjugated

**Note**

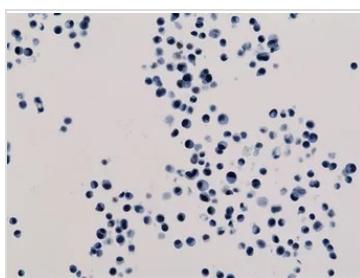
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**DATA IMAGES****GTx60886 Image**

The GTx60886 reacts to Histone H3 acetylated at Lysine 18 (K18ac). No cross reactivity with acetylated Lysine 4 (K4ac), Lysine 9 (K9ac), Lysine 14 (K14ac), Lysine 23 (K23ac), Lysine 27 (K27ac), Lysine 36 (K36ac), Lysine 56 (K56ac), Lysine 79 (K79ac), or Lysine 122 (K122) in Histone H3.

**GTx60886 WB Image**

WB analysis of acid extracts from HeLa cells untreated (-) or treated with sodium butyrate (+) using GTx60886 Histone H3K18ac (Acetyl Lys18) antibody [RM166].  
Dilution : 0.5µg/ml

**GTx60886 ICC/IF Image**

ICC/IF analysis of HepG2 cells using GTx60886 Histone H3K18ac (Acetyl Lys18) antibody [RM166].



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