

Histone H3K18ac (Acetyl Lys18) antibody [RM166]

Cat. No. GTX60886

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

Package
100 µg

APPLICATION

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.

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



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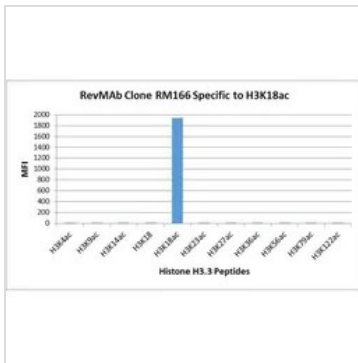
Conjugation

Unconjugated

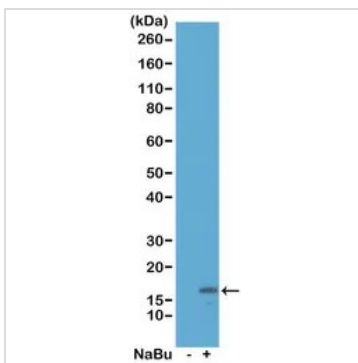
Note

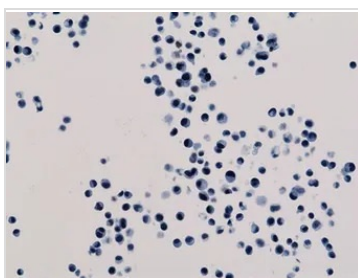
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DATA IMAGES

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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