

## Histone H3K9ac (Acetyl Lys9) antibody [RM161]

**Cat. No. GTX60885**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, ELISA, ChIP assay, IHC, Sandwich ELISA
<b>Reactivity</b>	Human

Package  
100 µg

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	0.25 µg/mL - 1 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	0.1 µg/mL - 1 µg/mL
Sandwich ELISA	Assay dependent

**Note : Capture : GTX60888, Detection : GTX60885. Please notice that GTX60885 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 9 (K9ac). No cross reactivity with other acetylated Lysines in histone H3.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 50% Glycerol
<b>Preservative</b>	0.09% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	An acetyl-peptide corresponding to Acetyl-Histone H3 (Lys9).
<b>Purification</b>	Protein A purified From tissue culture supernatant



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

**Conjugation**

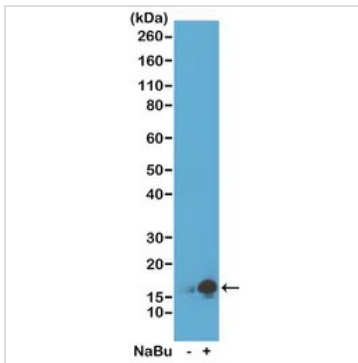
Unconjugated

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

**Note**

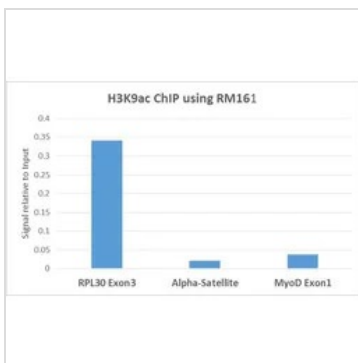
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

**GTX60885 WB Image**

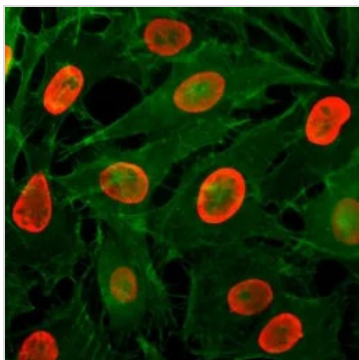
WB analysis of acid extracts from HeLa cells untreated (-) or treated with sodium butyrate (+) using GTX60885 Histone H3K9ac (Acetyl Lys9) antibody [RM161].

Dilution : 0.25µg/ml

**GTX60885 ChIP assay Image**

ChIP analysis of HeLa cells using GTX60885 Histone H3K9ac (Acetyl Lys9) antibody [RM161]. Real-time PCR was performed using primers specific to the gene indicated.

Antibody amount : 5µg

**GTX60885 ICC/IF Image**

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60885 Histone H3K9ac (Acetyl Lys9) antibody [RM161].

Red : Primary antibody

Green : Actin



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