

## Histone H3K27ac (Acetyl Lys27) antibody [RM172]

**Cat. No. GTX60887**

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

**Package**  
100 µg

## Applications

**Application Note**

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

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

Not tested in other applications.

**Product Note**

This antibody reacts to Histone H3 acetylated at Lysine 27 (K27ac). 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 (Lys27).
<b>Purification</b>	Protein A purified From tissue culture supernatant
<b>Conjugation</b>	Unconjugated



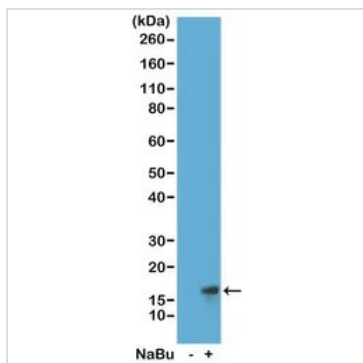
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**Note**

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.

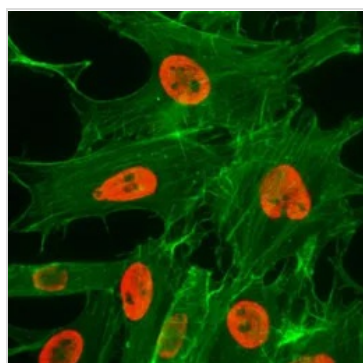
DATA IMAGES



**GTX60887 WB Image**

WB analysis of acid extracts from HeLa cells untreated (-) or treated with sodium butyrate (+) using GTX60887 Histone H3K27ac (Acetyl Lys27) antibody [RM172].

Dilution : 1µg/ml

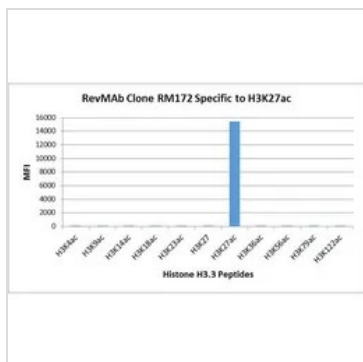


**GTX60887 ICC/IF Image**

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60887 Histone H3K27ac (Acetyl Lys27) antibody [RM172].

Red : Primary antibody

Green : Actin



**GTX60887 Image**

The GTX60887 reacts to Histone H3 acetylated at Lysine 27 (K27ac). No cross reactivity with acetylated Lysine 4 (K4ac), Lysine 9 (K9ac), Lysine 14 (K14ac), Lysine 18 (K18ac), Lysine 23 (K23ac), Lysine 36 (K36ac), Lysine 56 (K56ac), Lysine 79 (K79ac), or Lysine 122 (K122) in Histone H3.



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