

## Histone H3K56ac (Acetyl Lys56) antibody [RM179]

**Cat. No. GTX60902**

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

References ( 1 )

Package

100 µg

## Applications

**Application Note**

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1 µg/mL - 2 µg/mL    |
| ICC/IF             | 0.5 µg/mL - 2 µg/mL  |
| ELISA              | 0.5 µg/mL - 1 µg/mL  |
| ChIP assay         | Assay dependent      |
| IHC                | 1 µg/mL - 10 µg/mL   |

Not tested in other applications.

**Product Note**

This antibody reacts to Histone H3 acetylated at Lysine 56 (K56ac). 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 (Lys56).  |
| <b>Purification</b>  | Protein A purified<br>From tissue culture supernatant  |
| <b>Conjugation</b>   | Unconjugated   |



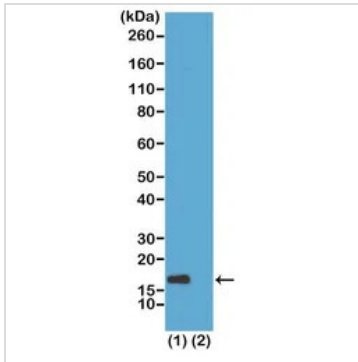
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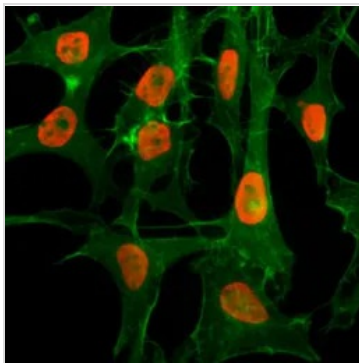
**Note**

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

**GTX60902 WB Image**

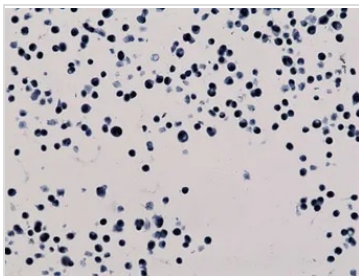
WB analysis of extracts of HeLa cells treated (Lane 1) with sodium butyrate and recombinant Histone H3.3 protein (Lane 2) using GTX60902 Histone H3K56ac (Acetyl Lys56) antibody [RM179].

**GTX60902 ICC/IF Image**

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60902 Histone H3K56ac (Acetyl Lys56) antibody [RM179].

Red : Primary antibody

Green : Actin

**GTX60902 ICC/IF Image**

ICC/IF analysis of HepG2 cells using GTX60902 Histone H3K56ac (Acetyl Lys56) antibody [RM179].



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