

Histone H3K56ac (Acetyl Lys56) antibody [RM179]

Cat. No. GTX60902

| Host | Rabbit | |
|--------------|------------------------------------|--|
| Clonality | Monoclonal | |
| Isotype | IgG | |
| Applications | WB, ICC/IF, ELISA, ChIP assay, IHC | |
| Reactivity | 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 | |
|---------------|--|
| 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 (Lys56). |
| Purification | Protein A purified From tissue culture supernatant |
| Conjugation | Unconjugated |



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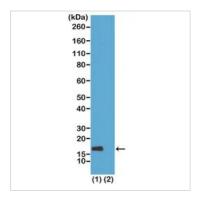


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Note

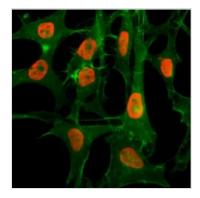
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DATA IMAGES



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].

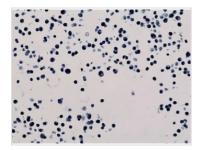


GTX60902 ICC/IF Image

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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