

# Histone H4K5ac (Acetyl Lys5) antibody [RM199]

**Cat. No. GTX60905**

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

**Package**  
100 µg

## APPLICATION

### Application Note

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

Suggested dilution	Recommended dilution
WB	0.2 µg/mL - 1 µg/mL
ICC/IF	0.5 µg/mL - 2 µg/mL
ELISA	0.2 µg/mL - 1 µg/mL

Not tested in other applications.

**Product Note** This antibody reacts to Histone H4 acetylated at Lysine 5 (K5ac). No cross reactivity with other acetylated Lysines in Histone H4.

## 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 H4 (Lys5).
<b>Purification</b>	Protein A purified From tissue culture supernatant
<b>Conjugation</b>	Unconjugated

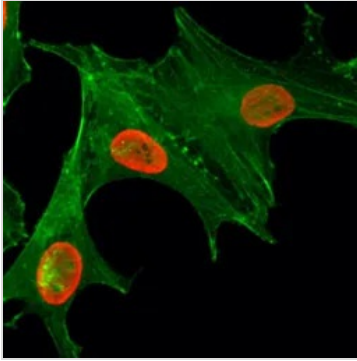


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**Note**

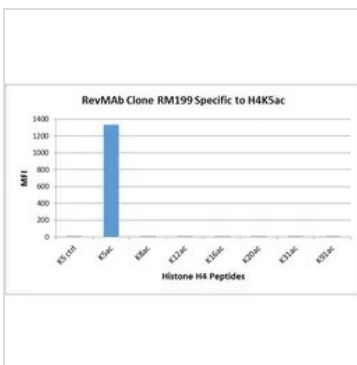
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**DATA IMAGES**

**GTX60905 ICC/IF Image**

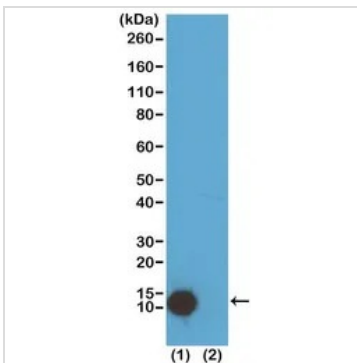
ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60905 Histone H4K5ac (Acetyl Lys5) antibody [RM199].

Red : Primary antibody

Green : Actin


**GTX60905 Image**

The GTX60905 reacts to Histone H4 acetylated at Lysine 5 (K5ac). No cross reactivity with unmodified Lysine 5 (K5 ctrl), acetylated Lysine 8 (K8ac), Lysine 12 (K12ac), Lysine 16 (K16ac), Lysine 20 (K20ac), Lysine 31 (K31ac), or Lysine 91 (K91) in Histone H4.


**GTX60905 WB Image**

WB analysis of extracts of HeLa cells (Lane 1) and recombinant Histone H4 protein (Lane 2) using GTX60905 Histone H4K5ac (Acetyl Lys5) antibody [RM199].

Dilution : 0.2 µg/ml



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