

Histone H4K5ac (Acetyl Lys5) antibody [RM199]

Cat. No. GTX60905

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA
Reactivity	Human

Package
100 µg

Applications

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

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 H4 (Lys5).
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated

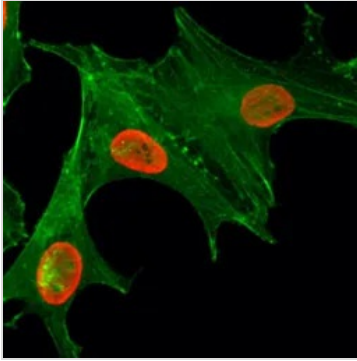


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Note

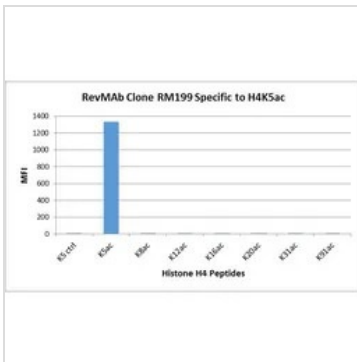
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DATA IMAGES

GTX60905 ICC/IF Image

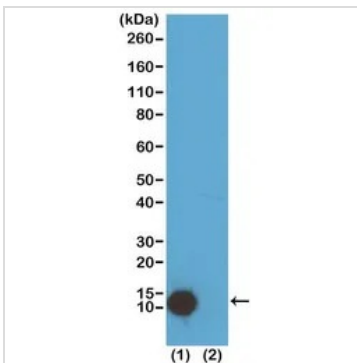
ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60905 Histone H4K5ac (Acetyl Lys5) antibody [RM199].

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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