

Histone H4K12ac (Acetyl Lys12) antibody [RM202]

Cat. No. GTX60912

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	0.5 µg/mL - 2 µg/mL
ICC/IF	0.5 µg/mL - 2 µg/mL
ELISA	0.5 µg/mL - 1 µg/mL

Not tested in other applications.

Product Note This antibody reacts to Histone H4 acetylated at Lysine 12 (K12ac). 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 (Lys12).
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated



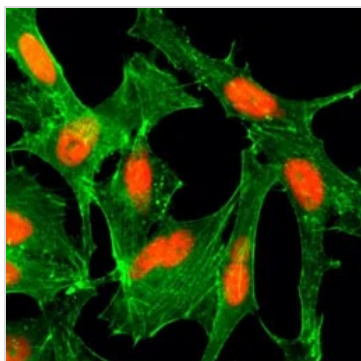
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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

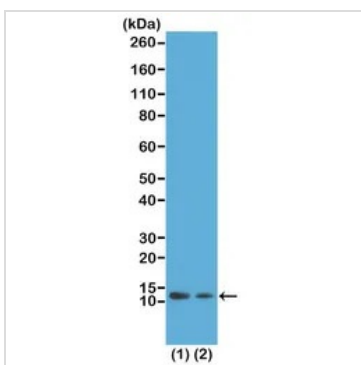


GTX60912 ICC/IF Image

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60912 Histone H4K12ac (Acetyl Lys12) antibody [RM202].

Red : Primary antibody

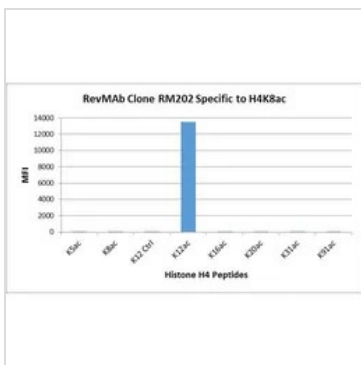
Green : Actin



GTX60912 WB Image

WB analysis of acid extracts from (1) HeLa cells treated with sodium butyrate; (2) HeLa cells untreated using GTX60912 Histone H4K12ac (Acetyl Lys12) antibody [RM202].

Dilution : 0.5µg/ml



GTX60912 Image

The GTX60912 reacts to Histone H4 acetylated at Lysine 12 (K12ac). No cross reactivity with unmodified Lysine 16 (K16 ctrl), acetylated Lysine 5 (K5ac), Lysine 8 (K8ac), Lysine 16 (K16ac), Lysine 20 (K20ac), Lysine 31 (K31ac), or Lysine 91 (K91) in Histone H4.



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