

Histone H3K9ac (Acetyl Lys9) antibody [RM161]

Cat. No. GTX60885

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, ChIP assay, IHC, Sandwich ELISA
Reactivity	Human

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	0.25 µg/mL - 1 µg/mL
ICC/IF	0.5 µg/mL - 2 µg/mL
ELISA	0.2 µg/mL - 1 µg/mL
ChIP assay	2 µg/mL - 10 µg/mL
IHC	0.1 µg/mL - 1 µg/mL
Sandwich ELISA	Assay dependent

Note : Capture : GTX60888, Detection : GTX60885. Please notice that GTX60885 needs to be conjugated to Biotin to function as the detection antibody when paired with GTX60888. Biotin-conjugated form is not provided.

Not tested in other applications.

Product Note

This antibody reacts to Histone H3 acetylated at Lysine 9 (K9ac). 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 (Lys9).
Purification	Protein A purified From tissue culture supernatant



For full product information, images and publications, please visit our [website](#).

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Conjugation

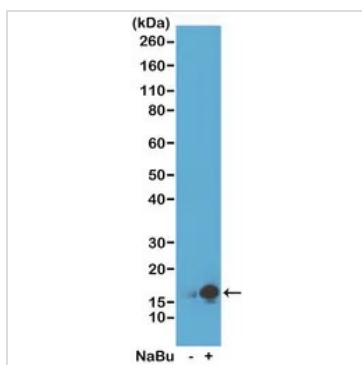
Unconjugated

Note

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

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.

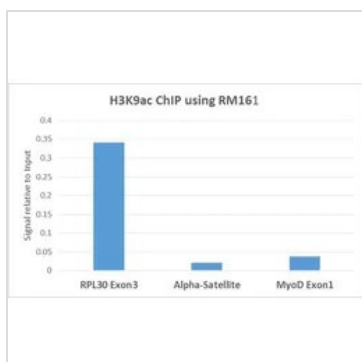
DATA IMAGES



GTx60885 WB Image

WB analysis of acid extracts from HeLa cells untreated (-) or treated with sodium butyrate (+) using GTx60885 Histone H3K9ac (Acetyl Lys9) antibody [RM161].

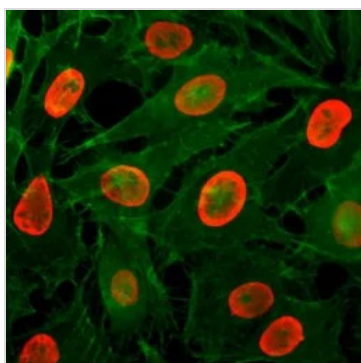
Dilution : 0.25µg/ml



GTx60885 ChIP assay Image

ChIP analysis of HeLa cells using GTx60885 Histone H3K9ac (Acetyl Lys9) antibody [RM161]. Real-time PCR was performed using primers specific to the gene indicated.

Antibody amount : 5µg



GTx60885 ICC/IF Image

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTx60885 Histone H3K9ac (Acetyl Lys9) antibody [RM161].

Red : Primary antibody

Green : Actin



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