

Histone H3K9ac (Acetyl Lys9) antibody [RM161]

Cat. No. GTX60885

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

Package
100 µg

APPLICATION

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](#).

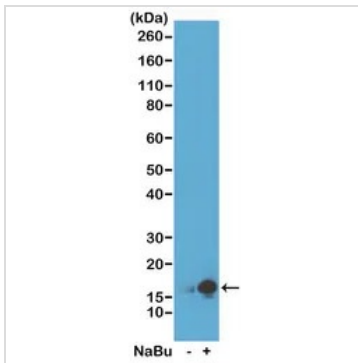
Conjugation

Unconjugated

Note

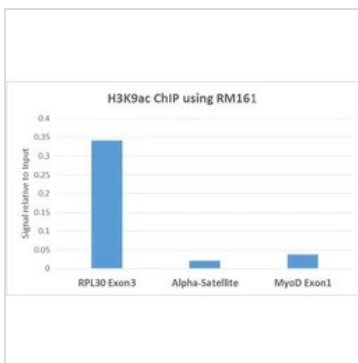
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DATA IMAGES

GTx60885 WB Image

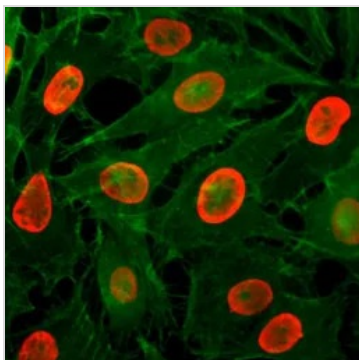
WB analysis of acid extracts from HeLa cells untreated (-) or treated with sodium butyrate (+) using GTx60885 Histone H3K9ac (Acetyl Lys9) antibody [RM161].

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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