

Histone H3K79ac (Acetyl Lys79) antibody [RM156]

Cat. No. GTX60883

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

Package
100 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	0.5 µg/mL - 2 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
Sandwich ELISA	Assay dependent

Note : Capture : GTX60883, Detection : GTX60888. Please notice that GTX60888 needs to be conjugated to Biotin to function as the detection antibody when paired with GTX60883. Biotin-conjugated form is not provided.

Not tested in other applications.

Product Note

This antibody reacts to Histone H3 acetylated at Lysine 79 (K79ac). 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 (Lys79).
Purification	Protein A purified From tissue culture supernatant



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Conjugation

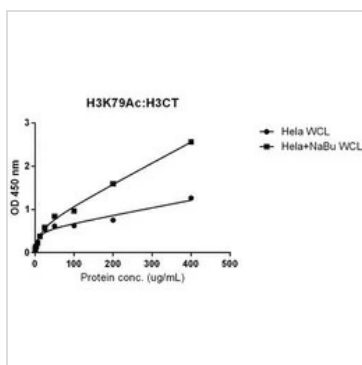
Unconjugated

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

Note

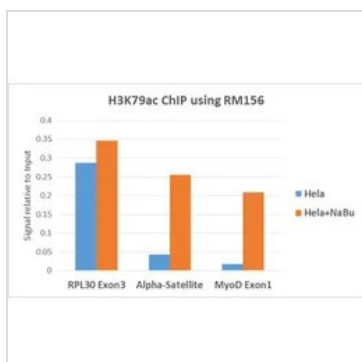
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX60883 ELISA Image

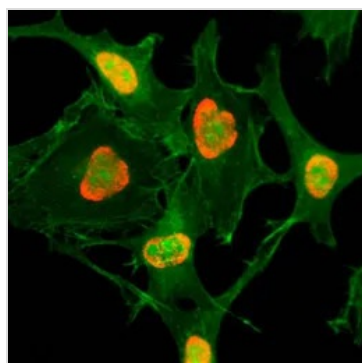
Sandwich ELISA analysis of HeLa cell treated or untreated with Sodium Butyrate lysates using biotinylated GTX60888 Histone H3 antibody [RM188] (1 ug/mL) as the detection antibody and GTX60883 Histone H3K79ac (Acetyl Lys79) antibody [RM156] (5 ug/mL) as the capture antibody. Please notice that GTX60888 needs to be conjugated to Biotin to function as the detection antibody when paired with GTX60883. Biotin-conjugated form is not provided.



GTX60883 ChIP assay Image

ChIP analysis of HeLa cells with or without Sodium Butyrate treatment using GTX60883 Histone H3K79ac (Acetyl Lys79) antibody [RM156]. Real-time PCR was performed using primers specific to the gene indicated.

Antibody amount : 5µg



GTX60883 ICC/IF Image

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60883 Histone H3K79ac (Acetyl Lys79) antibody [RM156].

Red : Primary antibody

Green : Actin



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