

Histone H3 antibody [RM186]

Cat. No. GTX60910

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	1 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 recognizes Histone H3 unmodified at Lys4 and does not recognize acetylated or methylated Lys4. The antibody binding specificity allows for modifications of Arg2, Thr3, and/or other modifications 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 unmodified peptide corresponding to the N-terminus of Histone H3.
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated

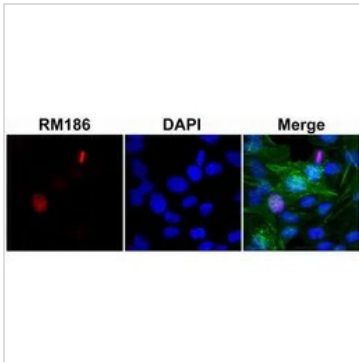


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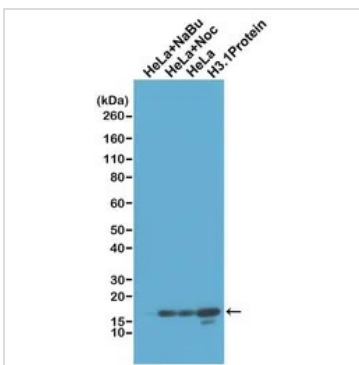
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DATA IMAGES



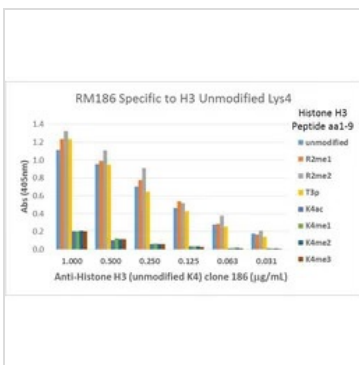
GTX60910 ICC/IF Image

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60910 Histone H3 antibody [RM186].
 Red : Primary antibody
 Green : Actin



GTX60910 WB Image

WB analysis of acid extracts of HeLa cells treated with sodium butyrate (HeLa+NaBu), treated with Nocodazole (HeLa+Noc), or non-treated and recombinant histone H3.1 protein using GTX60910 Histone H3 antibody [RM186].
 Dilution : 1µg/ml



GTX60910 Image

The GTX60910 recognizes Histone H3 unmodified at Lys4 and does not recognize acetylated, mono-methylated, dimethylated, or trimethylated Lys4. The antibody binding specificity allows for modifications of Arg2 or Thr3 in histone H3.



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