

Histone H3K4me2 (Di-methyl Lys4) antibody [RM135]

Cat. No. GTX60875

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

Package
100 µg

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	0.02 µg/mL - 0.2 µg/mL
ICC/IF	1 µg/mL - 2 µg/mL
ELISA	0.2 µg/mL - 1 µg/mL

Not tested in other applications.

Product Note

This antibody reacts to Histone H3 dimethylated at Lysine 4 (K4me2). No cross reactivity with monomethylated Lysine 4 (K4me1), trimethylated Lysine 4 (K4me3), or other methylations 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	A dimethyl-peptide corresponding to Dimethyl-Histone H3 (Lys4).
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated



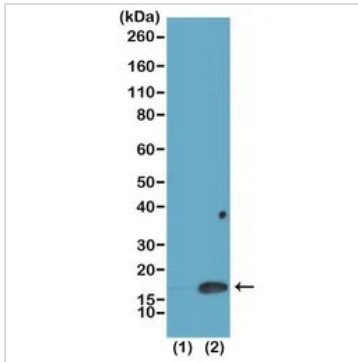
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Date 2024 / 05 / 18 Page 1 of 2

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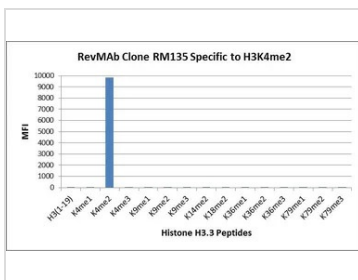
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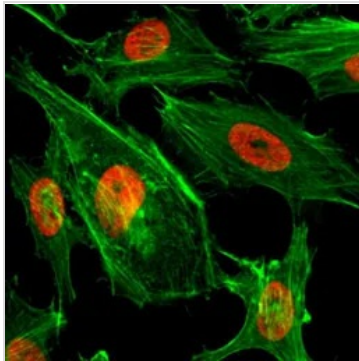
DATA IMAGES

GTx60875 WB Image

WB analysis of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2) using GTx60875 Histone H3K4me2 (Di-methyl Lys4) antibody [RM135].

Dilution : 0.025µg/ml


GTx60875 Image

The GTx60875 reacts to Histone H3 dimethylated at Lysine 4 (K4me2). No cross reactivity with mono-methylated Lysine 4 (K4me1), trimethylated Lysine 4(K4me3), or other methylations in histone H3.


GTx60875 ICC/IF Image

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTx60875 Histone H3K4me2 (Di-methyl Lys4) antibody [RM135].

Red : Primary antibody

Green : Actin



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