

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

Cat. No. GTX60875

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	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



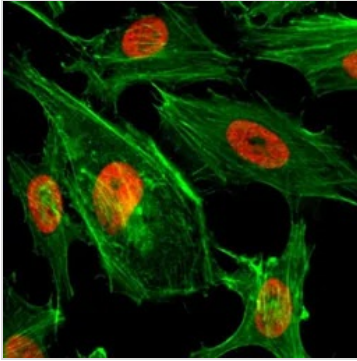
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Date 2026 / 01 / 06 Page 1 of 2

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Note

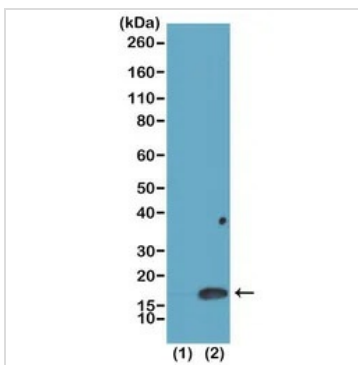
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX60875 ICC/IF Image

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60875 Histone H3K4me2 (Di-methyl Lys4) antibody [RM135].

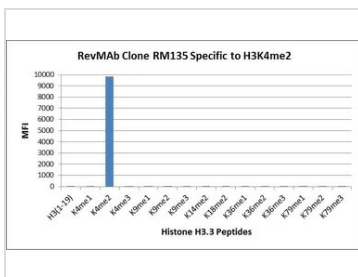
Red : Primary antibody

Green : Actin


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.



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