

## Histone H3K4me3 (Tri-methyl Lys4) antibody [RM137]

## Cat. No. GTX60876

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, Dot, ELISA
Reactivity	Human

Package  
100 µg

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	0.2 µg/mL - 1 µg/mL
Dot	Assay dependent
ELISA	0.1 µg/mL - 0.5 µg/mL

Not tested in other applications.

## Product Note

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



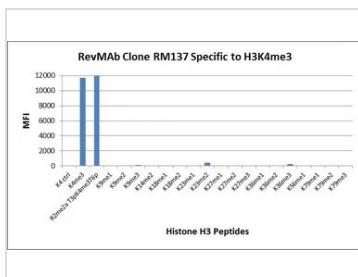
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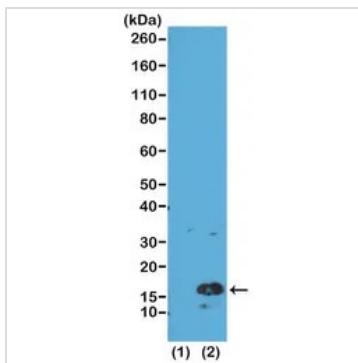
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**Note**

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.

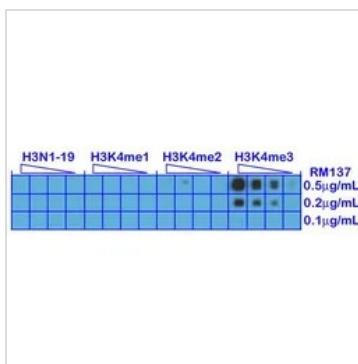
**DATA IMAGES****GTx60876 Image**

The GTx60876 reacts to Histone H3 trimethylated at Lysine 4 (K4me3). No cross reactivity with othermethylated lysines in Histone H3.

**GTx60876 WB Image**

WB analysis of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2) using GTx60876 Histone H3K4me3 (Tri-methyl Lys4) antibody [RM137].

Dilution : 0.5µg/ml

**GTx60876 Dot Image**

Dot blot analysis of various peptides using GTx60876 Histone H3K4me3 (Tri-methyl Lys4) antibody [RM137]. No cross reactivity with nonmodified Lysine 4 (H3N1-19), monomethylated Lysine 4 (K4me1) or dimethylated Lysine 4 (K4me2).



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