

Histone H3K23me2 (Di-methyl Lys23) antibody [RM171]

Cat. No. GTX60901

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	0.5 µg/mL - 2 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 dimethylated at Lysine 23 (K23me2). No cross reactivity with nonmodified Lysine 23, monomethylated Lysine 23 (K23me1), 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 (Lys23).
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

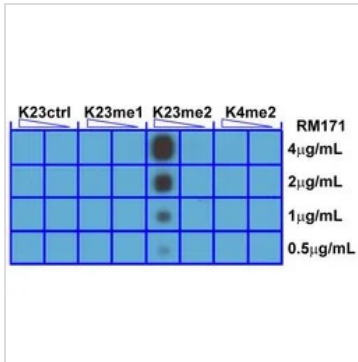
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

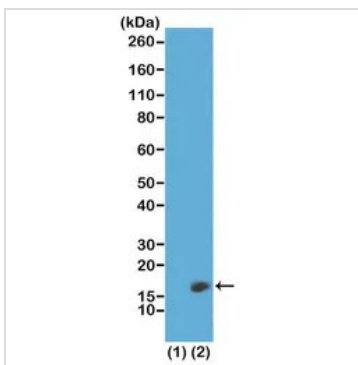
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DATA IMAGES



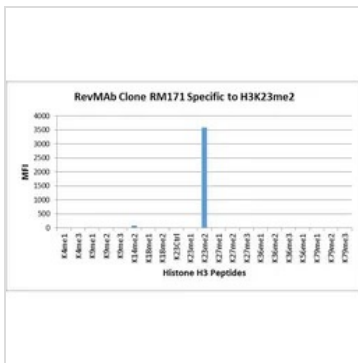
GTX60901 Dot Image

Dot blot analysis of various peptides using GTX60901 Histone H3K23me2 (Di-methyl Lys23) antibody [RM171]. No cross reactivity with nonmodified Lysine 23 (K23Ctrl), monomethylated. Lysine 23 (K23me1), or dimethylated Lysine 4 (K4me2).



GTX60901 WB Image

WB analysis of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2) using GTX60901 Histone H3K23me2 (Di-methyl Lys23) antibody [RM171].
Dilution : 0.5µg/ml



GTX60901 Image

The GTX60901 reacts to Histone H3 dimethylated at Lysine 23 (K23me2). No cross reactivity with other methylated lysines in Histone H3.



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