

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

**Cat. No. GTX60901**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, Dot, ELISA
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 50% Glycerol
<b>Preservative</b>	0.09% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	A dimethyl-peptide corresponding to dimethyl-Histone H3 (Lys23).
<b>Purification</b>	Protein A purified From tissue culture supernatant
<b>Conjugation</b>	Unconjugated



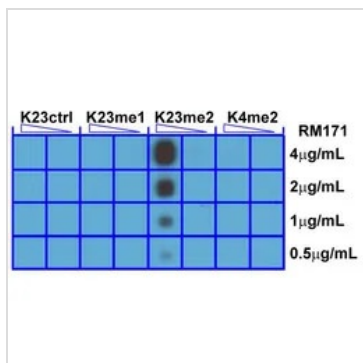
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**Note**

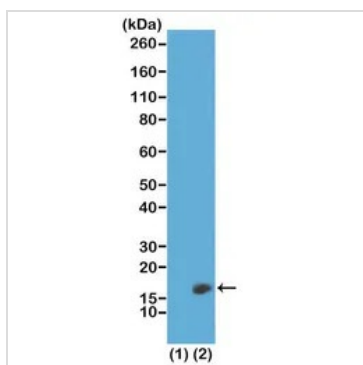
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DATA IMAGES



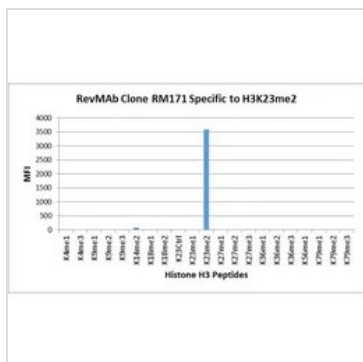
**GTX60901 Dot Image**

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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