Histone H3K9me2 (Di-methyl Lys9) antibody [RM151]

Cat. No. GTX60890

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, ChIP assay
Reactivity	Human

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	0.25 µg/mL - 1 µg/mL
ICC/IF	0.5 µg/mL - 2 µg/mL
ELISA	0.2 µg/mL - 1 µg/mL
ChIP assay	2 µg/mL - 10 µg/mL

Not tested in other applications.

Product Note	This antibody reacts to Histone H3 dimethylated at Lysine 9 (K9me2). No cross reactivity with monomethylated Lysine 9 (K9me1), trimethylated Lysine 9 (K9me3), 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 4ºC. For long-term storage, aliquot and store at -20ºC 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 (Lys9).
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

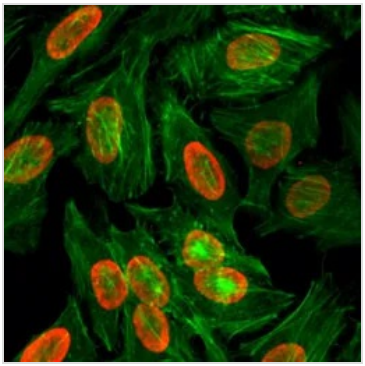
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

Note

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

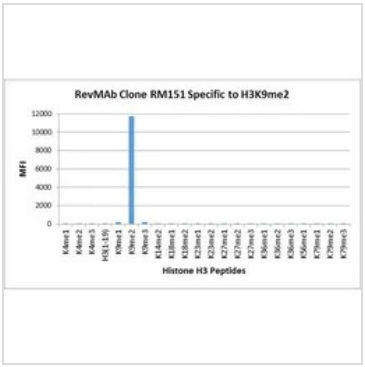
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



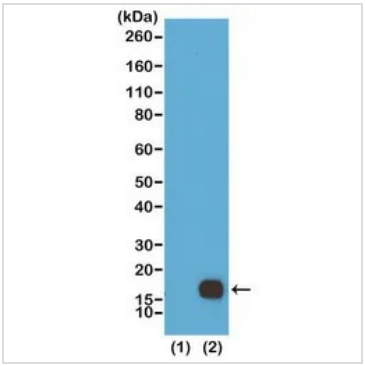
GTX60890 ICC/IF Image

ICC/IF analysis of HeLa cells treated with sodium butyrate using GTX60890 Histone H3K9me2 (Di-methyl Lys9) antibody [RM151].
Red : Primary antibody
Green : Actin



GTX60890 Image

The GTX60890 reacts to Histone H3 dimethylatedat Lysine 9 (K9me2). No cross reactivity with non-modified Lysine 9 (H3 1-19), monomethylated Lysine 9 (K9me1), trimethylated Lysine 9 (K9me3), or other methylations in Histone H3.



GTX60890 WB Image

WB analysis of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2) using GTX60890 Histone H3K9me2 (Di-methyl Lys9) antibody [RM151].
Dilution : 0.5µg/ml

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