

Histone H3K79me2 (Di-methyl Lys79) antibody [RM181]

Cat. No. GTX60895

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, ChIP assay, IHC
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	Assay dependent
ELISA	0.2 µg/mL - 1 µg/mL
ChIP assay	2 µg/mL - 10 µg/mL
IHC	0.1 µg/mL - 1 µg/mL

Not tested in other applications.

Product Note

This antibody reacts with monomethylated Lysine 79 (K79me1) at high concentration. No cross reactivity with non-modified Lysine 79 (K79 ctrl), trimethylated Lysine 79 (K79me3), 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 (Lys79).
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated



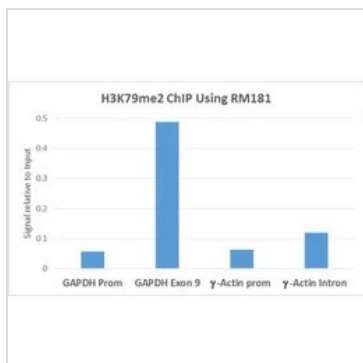
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

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.

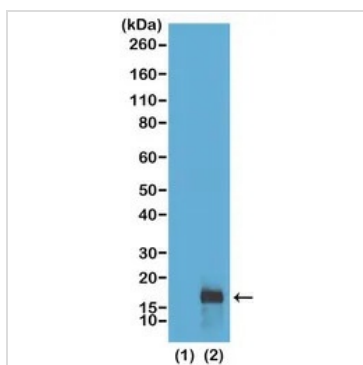
DATA IMAGES



GTX60895 ChIP assay Image

ChIP analysis of HeLa cells using GTX60895 Histone H3K79me2 (Di-methyl Lys79) antibody [RM181]. Real-time PCR was performed using primers specific to the gene indicated.

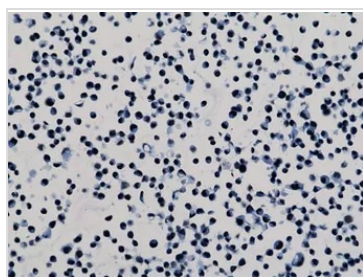
Antibody amount : 5µg



GTX60895 WB Image

WB analysis of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2) using GTX60895 Histone H3K79me2 (Di-methyl Lys79) antibody [RM181].

Dilution : 0.25µg/ml



GTX60895 ICC/IF Image

ICC/IF analysis of HepG2 cells using GTX60895 Histone H3K79me2 (Di-methyl Lys79) antibody [RM181].



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