

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



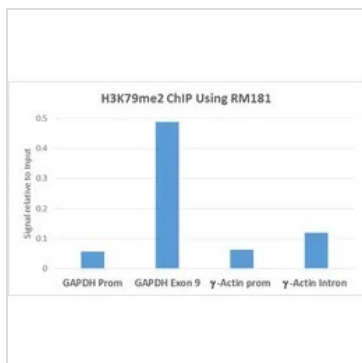
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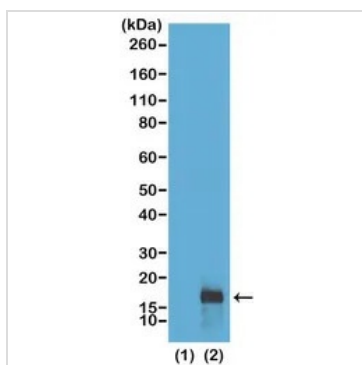
Note

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DATA IMAGES

GTx60895 ChIP assay Image

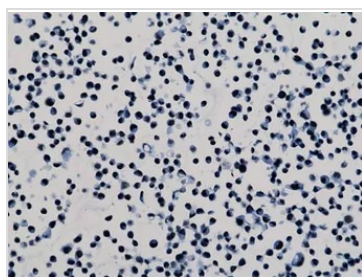
ChIP analysis of HeLa cells using GTx60895 Histone H3K79me2 (Di-methyl Lys79) antibody [RM181]. Real-time PCR was performed using primers specific to the gene indicated.

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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