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Tel: +886-2-2735-9682
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Recombinant H3K79me1 Antibody / Monomethyl Histone H3 Lysine 79

Catalog No: tcna4788

Available Sizes

Size: 25ug

Size: 100ug

Specifications

Application:
WB, ELISA, ChIP

Species Reactivity:
All Species

Host Species:
Rabbit

Immunogen / Amino acids:
A monomethyl-peptide corresponding to Monomethyl-Histone H3 (Lys79) was used as the immunogen for this recombinant H3K79me1 antibody.

Conjugation:
Purified

Clonality:
Recombinant Rabbit Monoclonal

Clones:
RM147

Isotype:
Rabbit IgG

Form:
Liquid

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Storage Buffer:
1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide

Recommended Dilution:
Western Blot: 0.2-1ug/ml
ChIP: 2-10ug/mg of lysate
ELISA: 0.2-1ug/mlThe stated application concentrations are suggested starting points. Titration of the recombinant H3K79me1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Storage Instruction:
Store the recombinant H3K79me1 antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).

SwissProt:
P84243

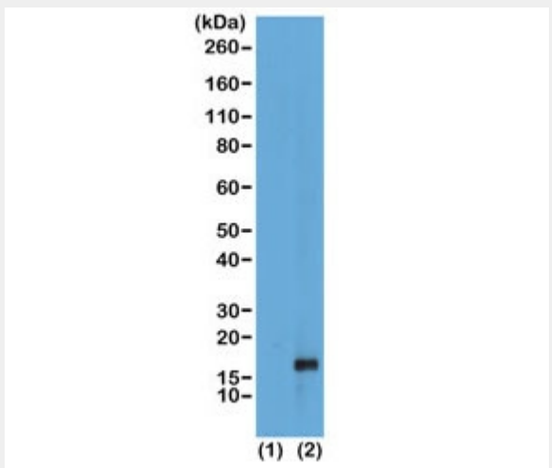
Gene ID:
8350 (human);

References

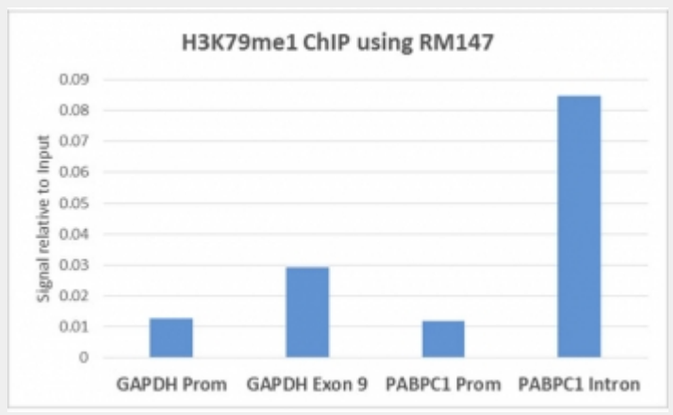
Purified

Product Description

This recombinant H3K79me1 antibody reacts to Histone H3 monomethylated at Lysine 79 (K79me1). No cross reactivity with dimethylated (K79me2), trimethylated (K79me3) or other methylations of Histone H3.



Western blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2) using recombinant H3K79me1 antibody at 0.5 ug/ml showed a band of Histone H3 monomethylated at Lysine 79 (K79me1) in HeLa cells.



ChIP performed on HeLa cells using recombinant H3K79me1 antibody (5ug). Real-time PCR was performed using primers specific to the gene indicated.

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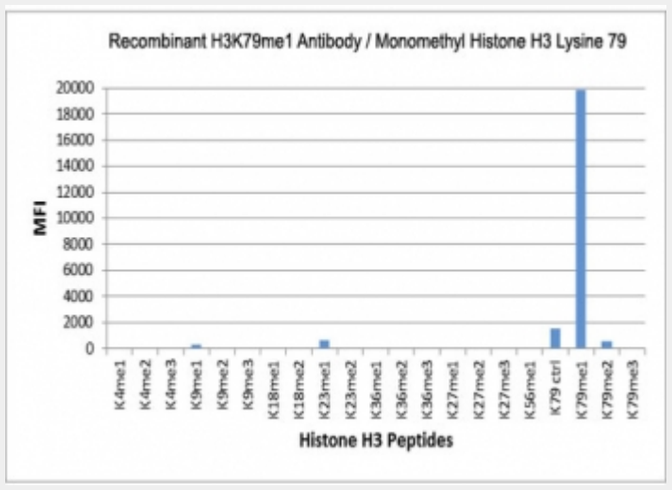

The recombinant H3K79me1 antibody specifically reacts to Histone H3 monomethylated at Lysine 79 (K79me1). No cross reactivity with dimethylated (K79me2), trimethylated (K79me3), or other methylations in histone H3.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!