

Anti-Dimethyl Histone H3 (Lys9) H3F3A Rabbit Monoclonal Antibody, Clone#RM151

Catalog Number: M06819-14

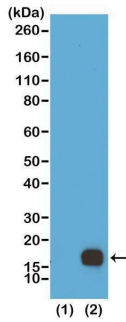
Overview

Product Name	Anti-Dimethyl Histone H3 (Lys9) H3F3A Rabbit Monoclonal Antibody, Clone#RM151
Reactive Species	Human, Vertebrates
Description	Boster Bio Anti-Dimethyl Histone H3 (Lys9) H3F3A Rabbit Monoclonal Antibody, Clone#RM151 (Catalog # M06819-14). Tested in WB, ChIP, ICC, ELISA, Luminex applications. This antibody reacts with Human, Vertebrates.
Application	ChIP, ELISA, ICC, WB, Luminex
Clonality	Monoclonal RM151
Formulation	50% Glycerol/PBS with 1% stabilizing protein and 0.09% sodium azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P84243

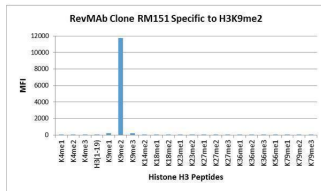
Technical Details

Immunogen	A dimethyl-peptide corresponding to Dimethyl-Histone H3 (Lys9).
Cross Reactivity	This antibody reacts to Histone H3 dimethylated at Lysine 9 (K9me2). No cross-reactivity with monomethylated Lysine 9 (K9me1) or trimethylated Lysine 9 (K9me3), or other methylation in histone H3.
Isotype	Rabbit IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	WB: 0.25 ug/mL - 1 ug/mL ChIP: 2 ug/mL - 10 ug/mL ICC: 0.5 ug/mL - 2 ug/mL ELISA: 0.2 ug/mL - 1 ug/mL Luminex: 0.1 ug/mL - 0.5 ug/mL.

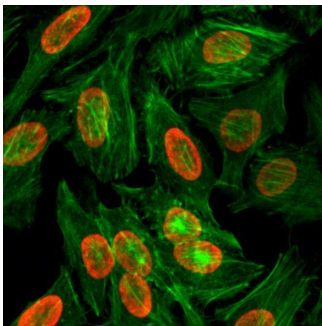
Anti-Dimethyl Histone H3 (Lys9) H3F3A Rabbit Monoclonal Antibody, Clone#RM151 (M06819-14) Images



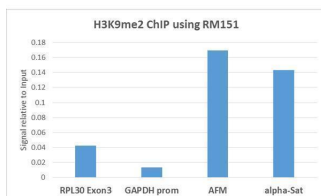
Western Blotting result Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using RM151 at 0.5 ug/mL, showed a band of histone H3 dimethylated at Lysine 9 (K9me2) in HeLa cells.



Specificity Test result RM151 specifically reacts to Histone H3 dimethylated at 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.



ICC result Immunocytochemistry of HeLa cells, using Dimethyl-Histone H3 (Lys9) Rabbit mAb RM151 (red). Actin filaments have been labeled with fluorescein phalloidin (green).



ChIP result ChIP performed on HeLa cells using H3K9me2 antibody (RM151, 5ug). Real-time PCR was performed using primers specific to the gene indicated.

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