

Anti-Acetyl-Histone H3 (Lys36) H3F3A Rabbit Monoclonal Antibody, Clone#RM154

Catalog Number: M06819-8

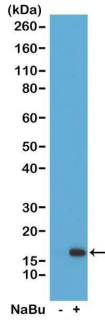
Overview

| | |
|----------------------|--|
| Product Name | Anti-Acetyl-Histone H3 (Lys36) H3F3A Rabbit Monoclonal Antibody, Clone#RM154 |
| Reactive Species | Human, Vertebrates |
| Description | Boster Bio Anti-Acetyl-Histone H3 (Lys36) H3F3A Rabbit Monoclonal Antibody, Clone#RM154 (Catalog # M06819-8). Tested in ChIP, WB, ICC, ELISA, Luminex applications. This antibody reacts with Human, Vertebrates. |
| Application | ChIP, ELISA, ICC, WB, Luminex |
| Clonality | Monoclonal RM154 |
| 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 |

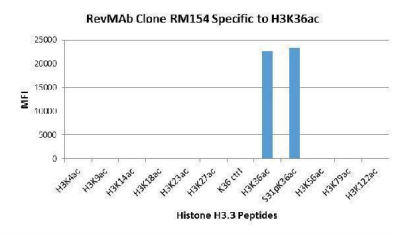
Technical Details

| | |
|---------------------|---|
| Immunogen | An acetyl-peptide corresponding to the Acetyl-Histone H3 (Lys36). |
| Cross Reactivity | This antibody reacts to Histone H3 acetylated at Lysine 36 (K36ac), which is not affected by the phosphorylation of neighboring Ser31. No cross-reactivity with other acetylated Lysines 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 | ChIP: 1µg-5 µg Western Blot: 0.5 ug/mL - 2 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. |

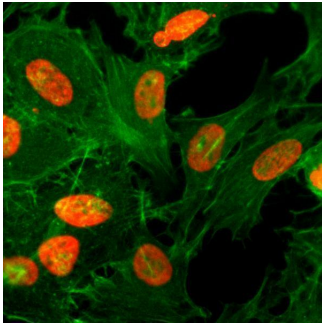
Anti-Acetyl-Histone H3 (Lys36) H3F3A Rabbit Monoclonal Antibody, Clone#RM154 (M06819-8) Images



Western Blotting result Western Blot of acid extracts from HeLa cells untreated (-) or treated with sodium butyrate (+), using RM154 at 1 ug/mL, showed a band of histone H3 acetylated at Lysine 36 in treated HeLa.



Specificity Test result RM154 specifically reacts to Histone H3 acetylated at Lysine 36 (K36ac), and is not affected by the phosphorylation of neighboring Ser31. No cross reactivity with acetylated Lysine 4 (K4ac), Lysine 9 (K9ac), Lysine 14 (K14ac), Lysine 18 (K18ac), Lysine 23 (K23ac), Lysine 27 (K27ac), Lysine 56 (K56ac), lysine 79 (K79ac), or Lysine 122 (K122) in histone H3.



ICC result Immunocytochemistry of HeLa cells treated with sodium butyrate, using Acetyl-Histone H3 (Lys36) Rabbit mAb RM154 (red). Actin filaments have been labeled with fluorescein phalloidin (green).

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