

10-9566: Recombinant Rabbit Monoclonal Antibody to Acetylated Histone H4 Lysine 16 (K16ac) (Clone: RM204)(Discontinued)

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| Clonality : | Monoclonal |
| Clone Name : | RM204 |
| Application : | WB,ELISA,Multiplex |
| Reactivity : | All Species |
| Gene : | HIST1H4A |
| Gene ID : | 121504 |
| Uniprot ID : | P62805 |
| Format : | Purified |
| Alternative Name : | H4/A, H4FA |
| Isotype : | Rabbit IgG |
| Immunogen Information : | An acetyl-peptide corresponding to the Acetyl-Histone H4 (Lys16). |

Product Info

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| Amount : | 100 µg |
| Purification : | Protein A affinity purified from an animal origin-free culture supernatant |
| Content : | 1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide |
| Storage condition : | Store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Clone RM204 reacts to Histone H4 acetylated at Lysine 16 (K16ac). No cross reactivity with other acetylated Lysines in Histone H4. Western Blot: 0.5 µg/ml - 2 µg/ml; ELISA: 0.5 µg/ml - 1 µg/ml; Multiplex: 0.5 µg/ml - 2 µg/ml.

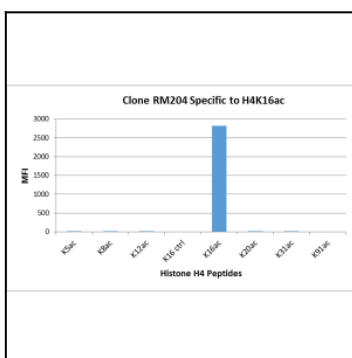


Figure 1: Clone: RM204 specifically reacts to Histone H4 acetylated at Lysine 16 (K16ac). No cross reactivity with unmodified Lysine 16 (K16 ctrl), acetylated Lysine 5 (K5ac), Lysine 8 (K8ac), Lysine 12 (K12ac), Lysine 20 (K20ac), Lysine 31 (K31ac), or Lysine 91 (K91) in Histone H4.

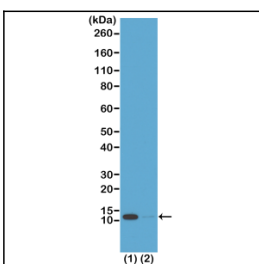


Figure 2: Western Blot of acid extracts from: (1) HeLa cells treated with sodium butyrate; (2) HeLa cells untreated. Using Clone: RM204 at 0.5 µg/ml, showed a band of Histone H4 acetylated at Lysine 16 in HeLa cells.