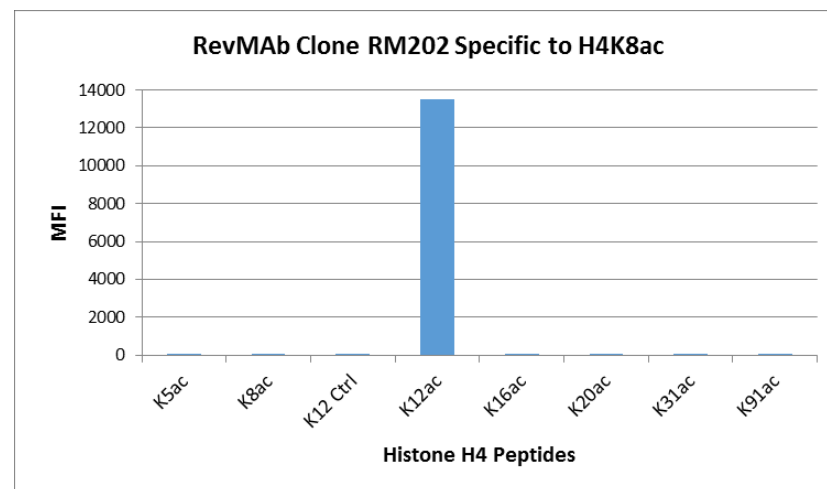
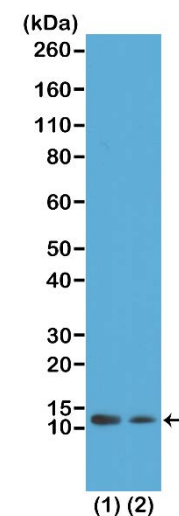


## Certificate of Analysis

<b>Product:</b>	Rabbit Monoclonal Antibody Anti-Acetyl-Histone H4 (Lys12) Rabbit Monoclonal Antibody, Clone RM202
<b>Catalog No.:</b>	31-1088-00
<b>Lot No.:</b>	
<b>Clone</b>	RM202
<b>Specificity</b>	This antibody reacts to Histone H4 acetylated at Lysine 12 (K12ac). No cross reactivity with other acetylated Lysines in Histone H4.
<b>Application:</b>	Western Blot, ELISA, Multiplex
<b>Immunogen:</b>	An acetyl-peptide corresponding to Acetyl-Histone H4 (Lys12).
<b>Purity:</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Size:</b>	100 µg
<b>Concentration:</b>	1.0 mg/mL
<b>Buffer:</b>	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Usage:</b>	WB: 0.5 µg/mL - 2 µg/mL; ELISA: 0.5 µg/mL - 1 µg/mL; Multiplex: 0.5 µg/mL – 2 µg/mL.
<b>Storage and Stability:</b>	Stable for 1 Year at -20.0°C from date of receipt.
<b>Country of Origin:</b>	U.S.A.
<b>Intended Use:</b>	<b>For Research Use Only Not for Diagnostic or Therapeutic Use</b>



RM202 specifically reacts to Histone H4 acetylated at Lysine 12 (K12ac). No cross reactivity with unmodified Lysine 12 (K126 ctrl), acetylated Lysine 5 (K5ac), Lysine 8 (K8ac), Lysine 16 (K16ac), Lysine 20 (K20ac), Lysine 31 (K31ac), or Lysine 91 (K91) in Histone H4.



Western Blot of acid extracts from: (1) HeLa cells treated with sodium butyrate; (2) HeLa cells untreated. Using RM202 at 0.5 µg/mL, showed a band of Histone H4 acetylated at Lysine 12 in HeLa cells.