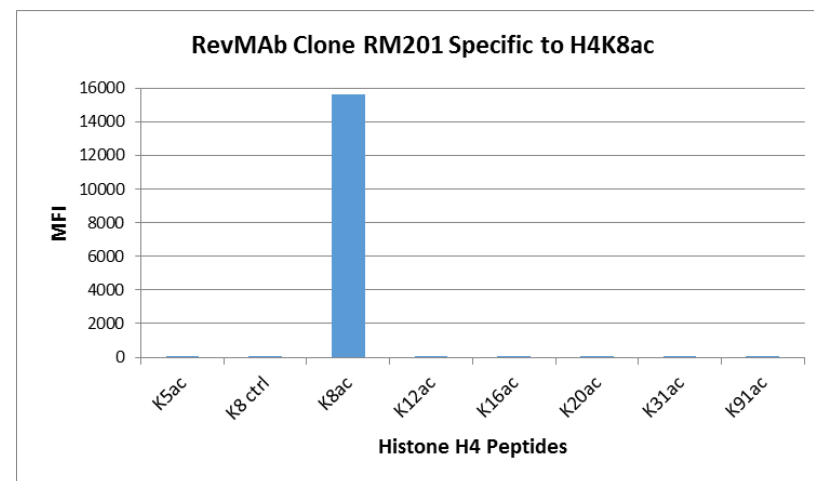


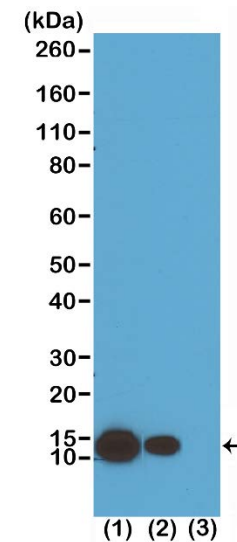
## Certificate of Analysis

<b>Product:</b>	Rabbit Monoclonal Antibody Anti-Acetyl-Histone H4 (Lys8) Rabbit Monoclonal Antibody, Clone RM201
<b>Catalog No.:</b>	31-1082-00
<b>Lot No.:</b>	
<b>Clone</b>	RM201
<b>Specificity</b>	This antibody reacts to Histone H4 acetylated at Lysine 8 (K8ac). 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 (Lys8).
<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: 0.2 µg/mL - 1 µg/mL; Multiplex: 0.05 µg/mL – 1 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>

Beratung und Vertrieb Fon + 49 (0) 40 45 067 0  
 Fax + 49 (0) 40 450 67 490  
 info@dianova.de  
 Warburgstr. 45 • 20354 Hamburg www.dianova.de



RM201 specifically reacts to Histone H4 acetylated at Lysine 8 (K8ac). No cross reactivity with unmodified Lysine 8 (K8 ctrl), acetylated Lysine 5 (K5ac), Lysine 12 (K12ac), Lysine 16 (K16ac), Lysine 20 (K20ac), Lysine 31 (K31ac), or Lysine 91 (K91) in Histone H4.



Western Blot of (1) acid extracts of HeLa cells treated with sodium butyrate, (2) acid extracts of HeLa cells untreated, and (3) recombinant Histone H4. Using RM201 at 0.5 µg/mL, showed a band of Histone H4 acetylated at Lysine 8 in HeLa cells.