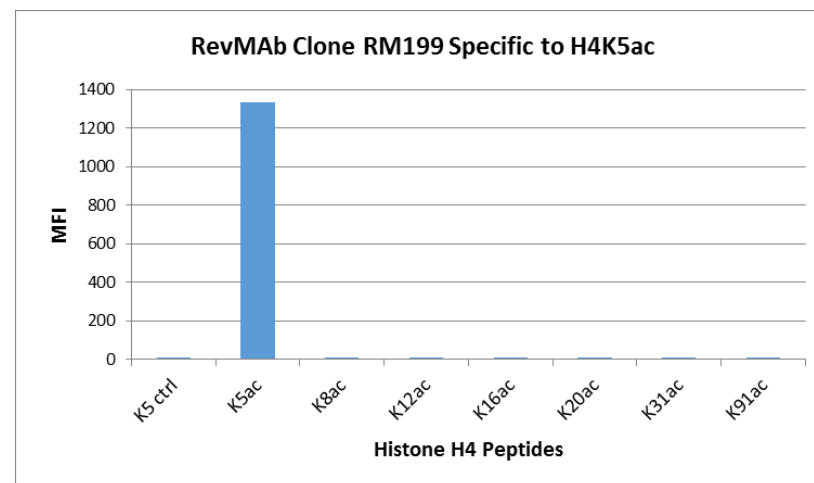
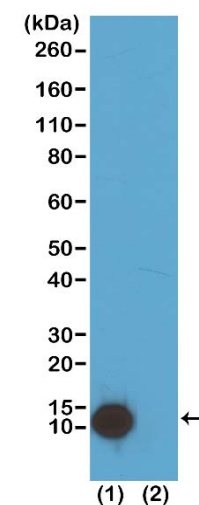


Certificate of Analysis

Product:	Rabbit Monoclonal Antibody Anti-Acetyl-Histone H4 (Lys5) Rabbit Monoclonal Antibody, Clone RM199
Catalog No.:	31-1081-00
Lot No.:	
Clone	RM199
Specificity	This antibody reacts to Histone H4 acetylated at Lysine 5 (K5ac). No cross reactivity with other acetylated Lysines in Histone H4.
Application:	Western Blot, ELISA, Multiplex
Immunogen:	An acetyl-peptide corresponding to Acetyl-Histone H4 (Lys5).
Purity:	Protein A affinity purified from an animal origin-free culture supernatant
Size:	100 µg
Concentration:	1.0 mg/mL
Buffer:	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Usage:	WB: 0.2 µg/mL - 1 µg/mL; ELISA: 0.2 µg/mL - 1 µg/mL; Multiplex: 0.05 µg/mL – 0.2 µg/mL.
Storage and Stability:	Stable for 1 Year at -20.0°C from date of receipt.
Country of Origin:	U.S.A.
Intended Use:	For Research Use Only Not for Diagnostic or Therapeutic Use



RM199 specifically reacts to Histone H4 acetylated at Lysine 5 (K5ac). No cross reactivity with unmodified Lysine 5 (K5 ctrl), acetylated Lysine 8 (K8ac), 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, and (2) recombinant Histone H4. Using RM199 at 0.2 µg/mL, showed a band of Histone H4 acetylated at Lysine 5 in HeLa cells.