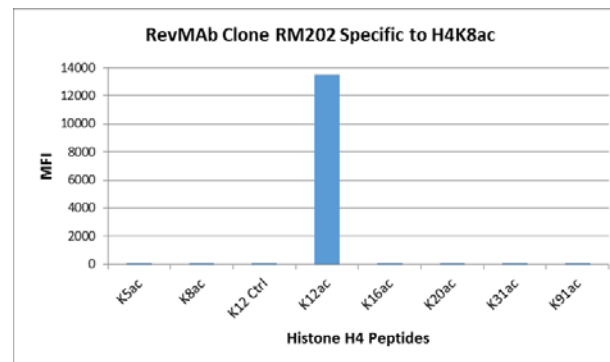
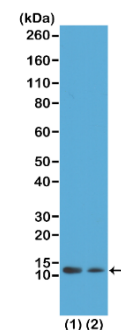


Certificate of Analysis

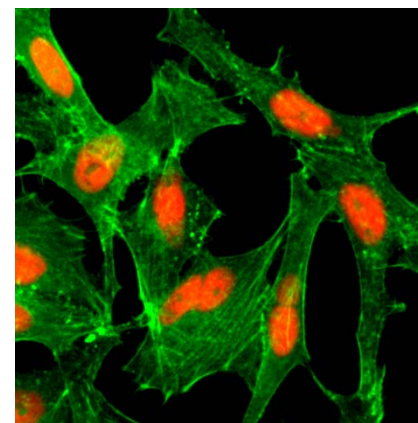
Product:	Rabbit Monoclonal Antibody Anti-Acetyl-Histone H4 (Lys12) Rabbit Monoclonal Antibody, Clone RM202
Catalog No.:	31-1088-00
Lot No.:	
Clone	RM202
Specificity	This antibody reacts to Histone H4 acetylated at Lysine 12 (K12ac). No cross reactivity with other acetylated Lysines in Histone H4.
Application:	Western Blot, Immunocytochemistry, ELISA, Multiplex
Immunogen:	An acetyl-peptide corresponding to Acetyl-Histone H4 (Lys12).
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: 0.5 µg/mL - 2 µg/mL; ICC: 0.5 µg/mL - 2 µg/mL; ELISA: 0.5 µg/mL - 1 µg/mL; Multiplex: 0.5 µg/mL - 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



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.



Immunocytochemistry of HeLa cells treated with sodium butyrate, using Acetyl-Histone H4 (Lys12) Rabbit Monoclonal Antibody (Clone RM202) (red). Actin filaments have been labeled with fluorescein phalloidin (green).