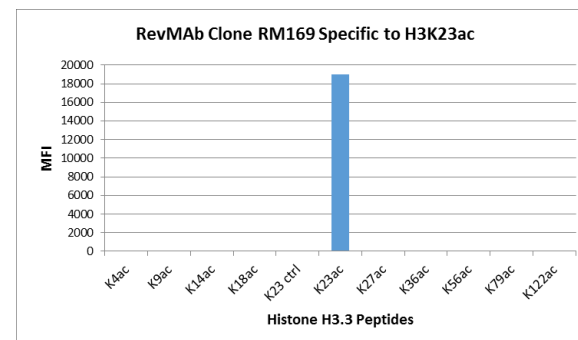
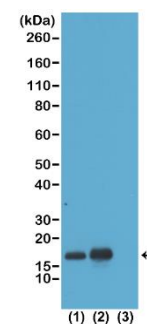


Certificate of Analysis

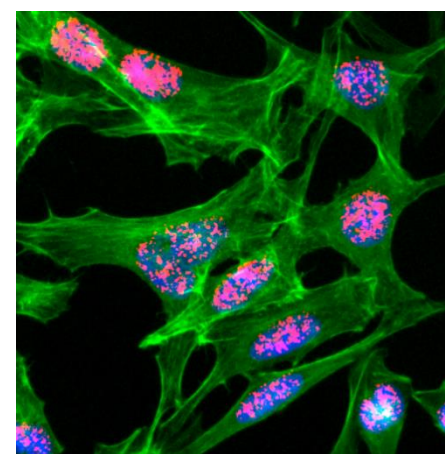
Product:	Rabbit Monoclonal Antibody Anti-Acetyl-Histone H3 (Lys23) Rabbit Monoclonal Antibody, Clone RM169
Catalog No.:	31-1087-00
Lot No.:	
Clone	RM169
Specificity	This antibody reacts to Histone H3 acetylated at Lysine 23 (K23ac). No cross reactivity with other acetylated Lysines in histone H3.
Application:	Western Blot, Immunocytochemistry, ELISA, Multiplex
Immunogen:	An acetyl-peptide corresponding to Acetyl-Histone H3 (Lys23).
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: 1 µg/mL - 2 µg/mL; ELISA: 0.5 µg/mL - 1 µg/mL; Multiplex: 0.2 µg/mL – 1 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



RM169 specifically reacts to Histone H3 acetylated at Lysine 23 (K23ac). No cross reactivity with unmodified Lysine 23 (K23 ctrl), acetylated Lysine 4 (K4ac), Lysine 9 (K9ac), Lysine 14 (K14ac), Lysine 18 (K18ac), Lysine 27 (K27ac), Lysine 36 (K36ac), Lysine 56 (K56ac), lysine 79 (K79ac), or Lysine 122 (K122) in histone H3.



Western Blot of acid extracts of HeLa cells non-treated (1) or treated with sodium butyrate (2), and recombinant histone H3.3 (3). Using anti-Acetyl-Histone H3 (Lys23) (Clone RM169) at 1 µg/mL.



Immunocytochemical staining of HeLa cells treated with sodium butyrate, using anti-Acetyl-Histone H3 (Lys23) (Clone RM169) (red). Actin filaments have been labeled with fluorescein phalloidin (green), and nuclei stained with DAPI (blue).