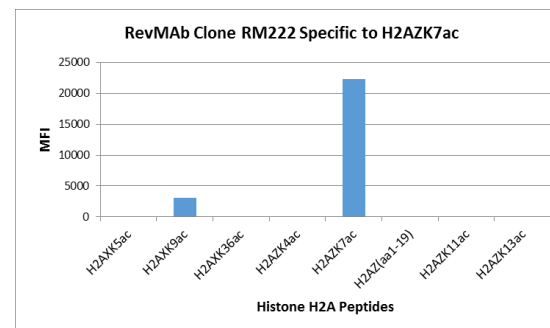
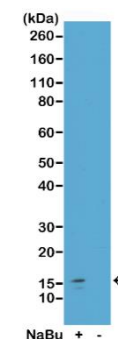


Certificate of Analysis

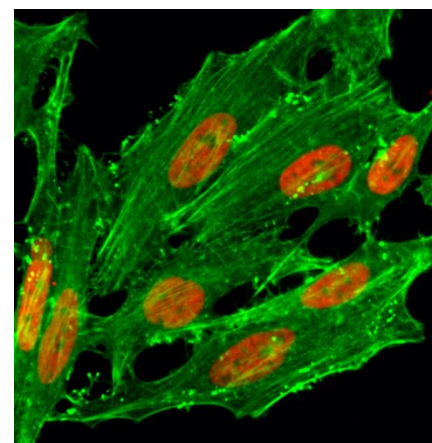
Product:	Rabbit Monoclonal Antibody Anti-Acetyl-Histone H2A.Z (Lys7) Rabbit Monoclonal Antibody, Clone RM222
Catalog No.:	31-1102-00
Lot No.:	
Clone	RM222
Specificity	This antibody reacts to Histone H2A.Z acetylated at Lysine 7 (K7ac). No cross reactivity with non-modified Lysine 7 or other acetylated Lysines in histone H2A.
Application:	Western Blot, Immunocytochemistry, ELISA, Multiplex
Immunogen:	An acetyl-peptide corresponding to Acetyl-Histone H2A.Z (Lys7).
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: 0.2 µg/mL - 1 µg/mL; Multiplex: 0.05 µg/mL – 0.5 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



RM222 specifically reacts to Histone H2A.Z acetylated at Lysine 7 (K7ac). No cross reactivity with non-modified Lysine 7 or other acetylated Lysines in histone H2A.



Western Blot of acid extracts from HeLa cells treated (+) or untreated (-) with sodium butyrate, using anti-Acetyl-Histone H2A.Z (Lys7) Rabbit Monoclonal Antibody (Clone RM222) at 0.5 µg/mL.



Immunocytochemical staining of HeLa cells treated with sodium butyrate, using anti-Acetyl-Histone H2A.Z (Lys7) Rabbit Monoclonal Antibody (Clone RM222) (red). Actin filaments have been labeled with fluorescein phalloidin (green).