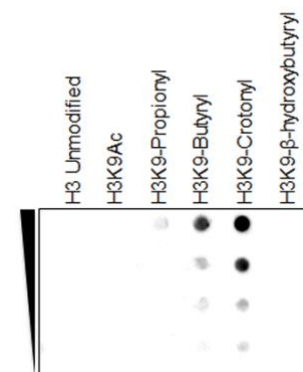
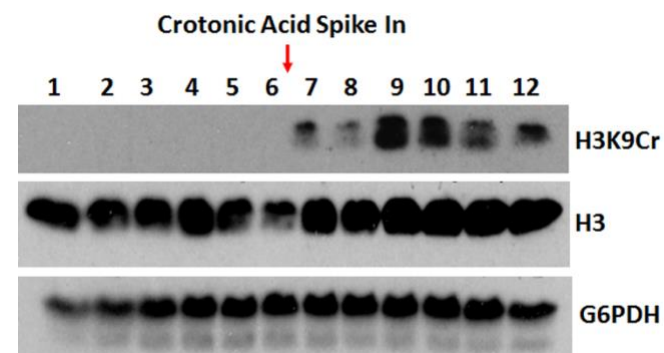


Certificate of Analysis

Product:	Rabbit Monoclonal Antibody Anti-Crotonyl-Histone H3 (Lys9) Rabbit Monoclonal Antibody, Clone RM339
Catalog No.:	31-1225-00
Lot No.:	
Clone	RM339
Specificity	This antibody reacts to Histone H3 crotonylated at Lysine 9 (K9cr). No cross reactivity with other crotonylated or acetylated Lysines in histone H3.
Application:	Western Blot, Dot Blot, Multiplex
Immunogen:	An crotonyl-peptide corresponding to Crotonyl-Histone H3 (Lys9).
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: 1 µg/mL - 5 µg/mL; DB: 0.5 µg/mL - 2 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



A Peptide dotblot showing Anti-Histone H3K9cr Rabbit Monoclonal Antibody RM339 reacts specifically to Histone H3 crotonylated at Lysine 9 (H3K9-Crotonyl), and RM339's cross-reactivity with different peptides.



Western Blot using Anti-Histone H3K9cr Rabbit Monoclonal Antibody RM339 against H3K9cr [Crotonyl-Histone H3 (Lys9)]. Anti-Histone H3 and anti-G6PDH were used as controls. A crotonylation inducing metabolite was used to increase the H3K9cr signal.