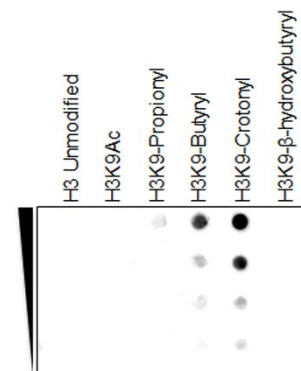
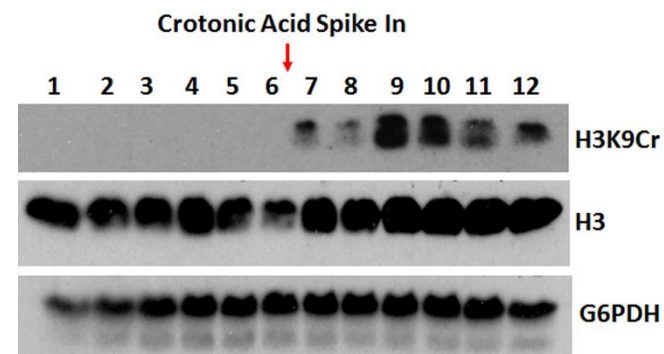


## Product Datasheet

<b>Product:</b>	Rabbit Monoclonal Antibody Anti-Crotonyl-Histone H3 (Lys9) Rabbit Monoclonal Antibody, Clone RM339
<b>Catalog No.:</b>	31-1225-00
<b>Clone</b>	RM339
<b>Specificity</b>	This antibody reacts to Histone H3 crotonylated at Lysine 9 (K9cr). No cross reactivity with other crotonylated or acetylated Lysines in histone H3.
<b>Application:</b>	Western Blot, Dot Blot, Multiplex
<b>Immunogen:</b>	An crotonyl-peptide corresponding to Crotonyl-Histone H3 (Lys9).
<b>Purity:</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Size:</b>	100 µg
<b>Concentration:</b>	1.0 mg/mL
<b>Buffer:</b>	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Usage:</b>	WB: 1 µg/mL - 5 µg/mL; DB: 0.5 µg/mL - 2 µg/mL; Multiplex: 0.05 µg/mL – 0.5 µg/mL;
<b>Storage and Stability:</b>	Stable for 1 Year at -20.0°C from date of receipt.
<b>Country of Origin:</b>	U.S.A.
<b>Intended Use:</b>	<b>For Research Use Only Not for Diagnostic or Therapeutic Use</b>



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.