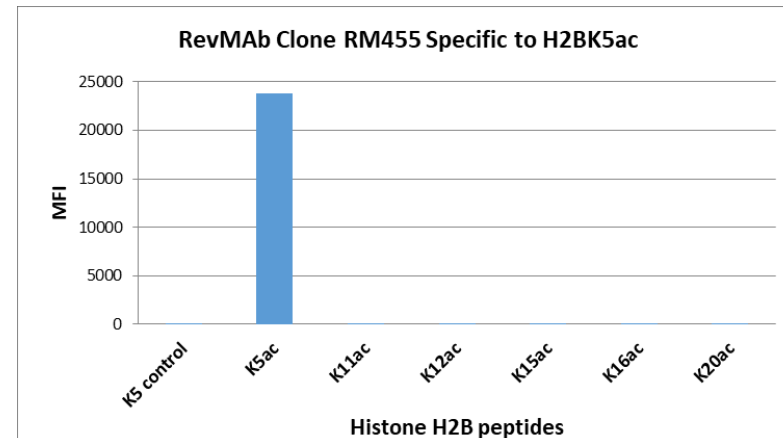
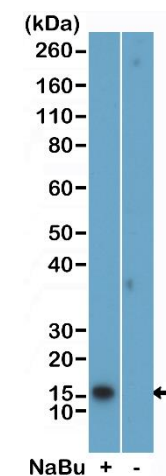


## Certificate of Analysis

<b>Product:</b>	Rabbit Monoclonal Antibody Anti-Acetyl-Histone H2B (Lys5) Rabbit Monoclonal Antibody, Clone RM455
<b>Catalog No.:</b>	31-1347-00
<b>Lot No.:</b>	
<b>Clone</b>	RM455
<b>Specificity</b>	This antibody reacts to Histone H2B acetylated at Lysine 5 (K5ac). No cross reactivity with other acetylated Lysines in histones.
<b>Application:</b>	Western Blot, ELISA, Multiplex
<b>Immunogen:</b>	An acetyl-peptide corresponding to Acetyl-Histone H2B (Lys5).
<b>Purity:</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Volume:</b>	100 ug
<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: 0.01 µg/mL - 1 µg/mL; ELISA: 0.2 µg/mL - 1 µg/mL; Multiplex: 0.01 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>



RM455 specifically reacts to Histone H2B acetylated at Lysine 5 (K5ac). No cross reactivity with non-modified Lysine 5, or other acethylations in histone H2B



Western Blot of acid extracts of HeLa cells treated (+) or untreated (-) with sodium butyrate, using Acetyl-Histone H2B (Lys5) rabbit monoclonal antibody (RM455) at 0.02 µg/mL.