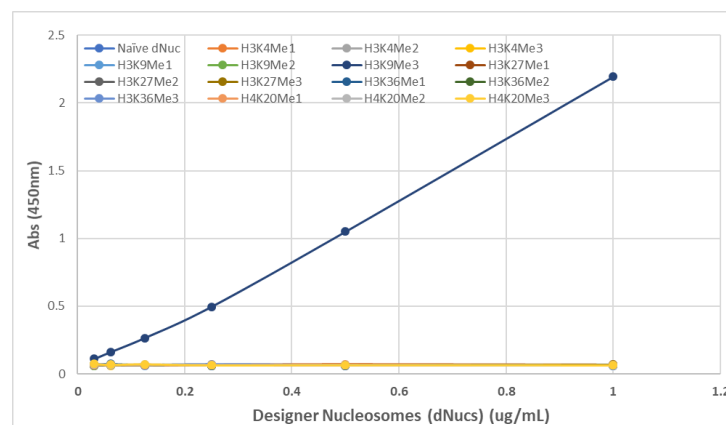
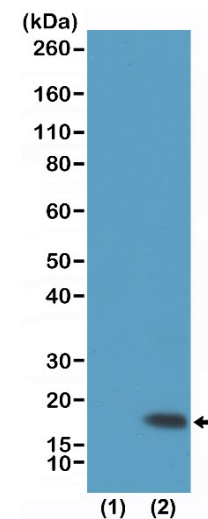


## Certificate of Analysis

<b>Product:</b>	Rabbit Monoclonal Antibody Anti-Trimethyl-Histone H3 (Lys9) Rabbit Monoclonal Antibody, Clone RM389
<b>Catalog No.:</b>	31-1275-00
<b>Lot No.:</b>	
<b>Clone</b>	RM389
<b>Specificity</b>	This antibody reacts to Histone H3 trimethylated at Lysine 9 (K9me3). No cross reactivity with monomethylated Lysine 9 (K9me1), dimethylated Lysine 9 (K9me2), or other methylations in histone H3.
<b>Application:</b>	ELISA, Multiplex, Western Blot
<b>Immunogen:</b>	A trimethyl-peptide corresponding to Trimethyl-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>	ELISA: 1 µg/mL – 10 µg/mL; Multiplex: 0.5 µg/mL – 2 µg/mL; WB: 0.5 µg/mL – 2 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>



ELISA of Designer Nucleosomes (dNucs)(Recombinant Human Nucleosome with H3 K4, 9, 27, 36 and H4 K20 Mono-, Di-, and Tri-Methylation), using anti-H3K9me3 rabbit monoclonal antibody RM389 (0.5 µg/mL).



Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using RM389 at 0.5 µg/mL, showed a band of histone H3 trimethylated at Lysine 9 (K9me3) in HeLa cells.