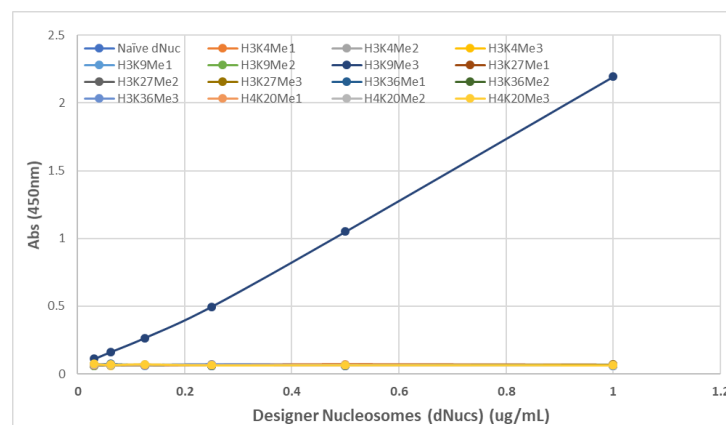
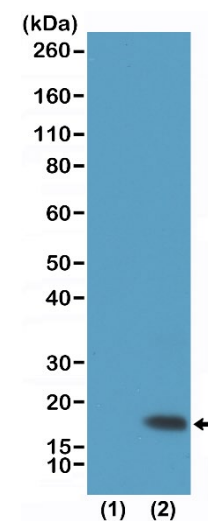


Certificate of Analysis

Product:	Rabbit Monoclonal Antibody Anti-Trimethyl-Histone H3 (Lys9) Rabbit Monoclonal Antibody, Clone RM389
Catalog No.:	31-1275-00
Lot No.:	
Clone	RM389
Specificity	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.
Application:	ELISA, Multiplex, Western Blot
Immunogen:	A trimethyl-peptide corresponding to Trimethyl-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:	ELISA: 1 µg/mL – 10 µg/mL; Multiplex: 0.5 µg/mL – 2 µg/mL; WB: 0.5 µg/mL – 2 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



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.