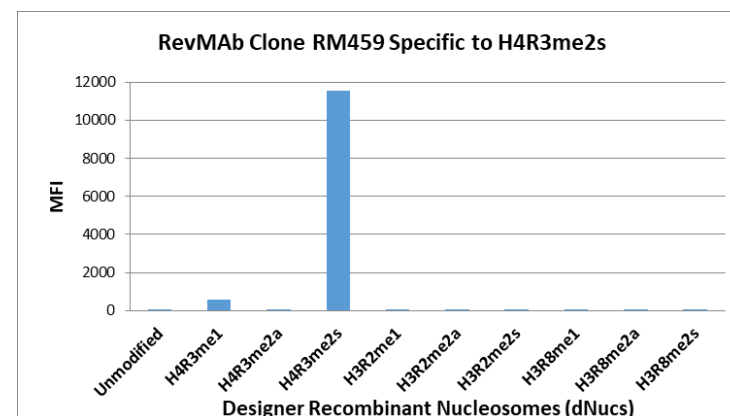
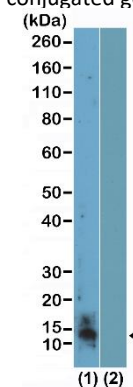


Certificate of Analysis

Product:	Rabbit Monoclonal Antibody Anti-Symmetric Dimethyl-Histone H4 (Arg3) Rabbit Monoclonal Antibody, Clone RM459
Catalog No.:	31-1351-00
Clone	RM459
Cat No:	
Specificity	This antibody reacts to Histone H4 symmetric dimethylated at Arginine 3 (R3me2s). No cross reactivity with unmodified Arginine 3, monomethylated or asymmetric dimethylated Arginine 3, or other methylated Arginine in Histone H4.
Application:	Western Blot, Luminex
Immunogen:	A symmetric dimethyl-peptide corresponding to the symmetric demethylated Histone H4 (Arg3).
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: 0.1 µg/mL – 2 µg/mL; Luminex: 0.001 µg/mL – 0.1 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



Luminex analysis of Designer Recombinant Nucleosomes (dNucs) with RM459. Biotinylated dNucs with unmodified or different modified arginine pre-bind to Luminex beads coated with streptavidin. The beads were then incubated with 1.6 ng/mL of RM459, follow by PE-conjugated goat anti-rabbit IgG secondary



Western Blot of acid extracts of K562 cells (1) and recombinant histone H4 (2), using Anti-Symmetric Dimethyl-Histone H4 (Arg3) Rabbit Monoclonal Antibody (Clone RM459) at 0.1 µg/mL.

