RevMAb Biosciences
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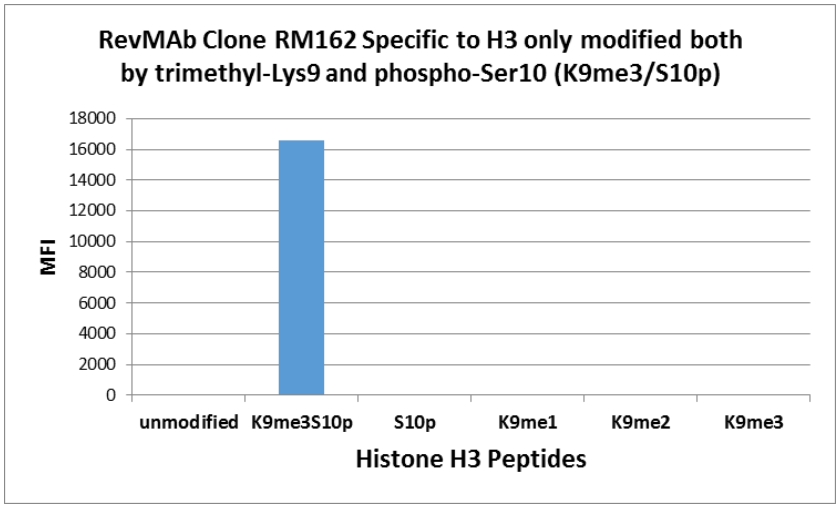
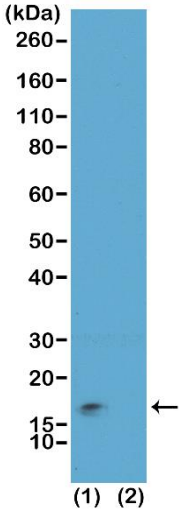
RevMAb Biosciences USA, Inc.
830 Dubuque Ave, South San Francisco, CA 94080, USA

Certificate of Analysis

Product:	Rabbit Monoclonal Antibody Trimethyl-Phospho-Histone H3 (Lys9/Ser10) Rabbit Monoclonal Antibody, Clone RM162
Catalog No.:	31-1097-00
Lot No.:	
Clone	RM162
Specificity	This antibody reacts to Histone H3 only when modified by both trimethylation at lysine 9 and phosphorylation at serine 10 (K9me3/S10p).
Application:	Western Blot, ELISA, Multiplex
Immunogen:	A trimethyl-phospho-peptide corresponding to Trimethyl- Phospho-Histone H3 (Lys9/Ser10).
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: 0.01 µg/mL – 1 µg/mL; ELISA: 0.01 µg/mL – 0.5 µg/mL; Multiplex: 0.1 µg/mL – 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**



RM162 specifically reacts to Histone H3 only when modified at both trimethyl-lysine 9 and phospho-serine 10 (K9me3/S10p). No cross reactivity with non-modified Lysine 9/ Serine 10, methylated Lysine 9 (K9me1, k9me2, k9me3) ONLY, or phosphorylated Serine 10 ONLY, in Histone H3.



Western Blot of acid extracts of HeLa cells (1) and recombinant histone H3.3 (2), using RM162 at 0. 01 µg/mL, showed a band of histone H3 modified by both trimethylation at lysine 9 and phosphorylation at serine 10 (K9me3/S10p) in HeLa cells.