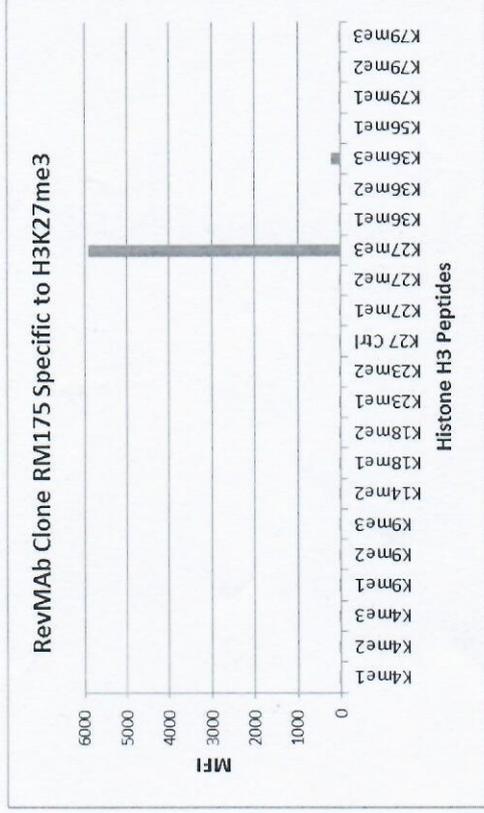
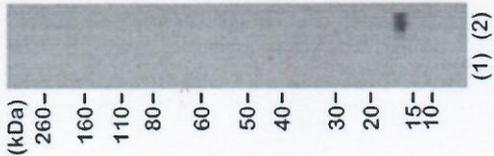


Certificate of Analysis

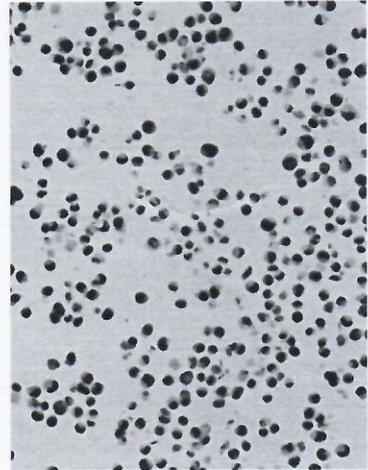
<b>Product:</b>	Rabbit Monoclonal Antibody
	Anti-Trimethyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody, Clone RM175
<b>Catalog No.:</b>	31-1062-00
<b>Lot No.:</b>	X-08-07059
<b>Clone</b>	RM175
<b>Specificity</b>	This antibody reacts to Histone H3 trimethylated at Lysine 27 (K27me3). No cross reactivity with non-modified Lysine 27, monomethylated Lysine 27 (K27me1) or dimethylated Lysine 27 (K27me2), or other methylations in histone H3.
<b>Application:</b>	Western Blot, ELISA, Multiplex, Immunohistochemistry
<b>Immunogen:</b>	A trimethyl-peptide corresponding to trimethyl-Histone H3 (Lys27).
<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>	WB: 1 µg/mL - 2 µg/mL; ELISA: 0.5 µg/mL - 1 µg/mL; Multiplex: 0.1 µg/mL - 0.5 µg/mL; IHC: 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>



RM175 specifically reacts to Histone H3 trimethylated at Lysine 27 (K27me3). No cross reactivity with non-modified Lysine 27 (K27 Ctrl), monomethylated Lysine 27 (K27me1) or dimethylated Lysine 27 (K27me2), or other methylations in Histone H3.



Western Blot of recombinant histone H3:3 (1) and acid extracts of HeLa cells (2), using RM175 at 1 µg/mL, showed a band of histone H3 trimethylated at Lysine 27 (K27me3) in HeLa cells.



Immunohistochemistry staining of HepG2 cells using anti-Trimethyl-Histone H3 (Lys27) antibody, RM175.