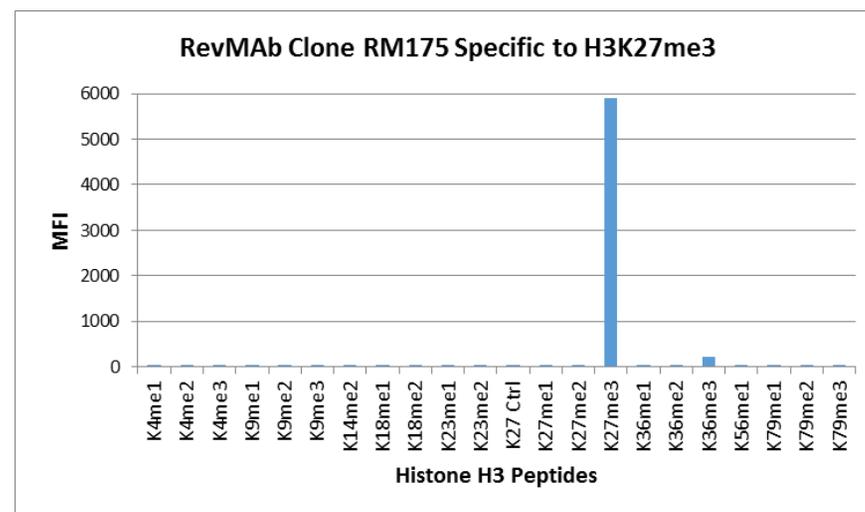
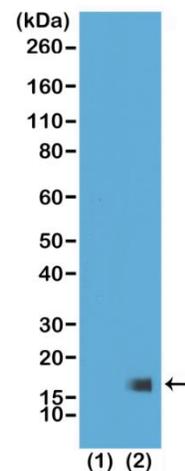


Certificate of Analysis

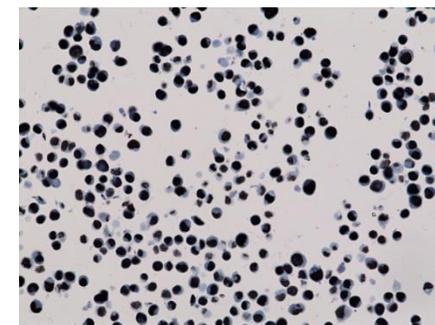
Product:	Rabbit Monoclonal Antibody Anti-Trimethyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody, Clone RM175
Catalog No.:	31-1062-00
Lot No.:	
Clone	RM175
Specificity	This antibody reacts to Histone H3 trimethylated at Lysine 27 (K27me3). No cross reactivity non-modified Lysine 27, monomethylated Lysine 27 (K27me1) or dimethylated Lysine 27 (K27me2), or other methylations in histone H3.
Application:	Western Blot, ELISA, Multiplex, Immunohistochemistry
Immunogen:	A trimethyl-peptide corresponding to trimethyl-Histone H3 (Lys27).
Purity:	Protein A affinity purified from an animal origin-free culture supernatant
Size:	31-1062-00: 100 uL 31-1062-00-L: 1.0 mL
Concentration:	1.0 mg/mL
Buffer:	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Usage:	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;
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



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.