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10-9577: Recombinant Rabbit Monoclonal Antibody to Monomethylated Histone H3 Lysine 56, H3K56me1 (Clone: RM180)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM180
Application :	WB,ELISA,Multiplex
Reactivity :	All Species
Gene :	H3F3A
Gene ID :	3020
Uniprot ID :	P84243
Format :	Purified
Alternative Name :	Histone H3.3
Isotype :	Rabbit IgG
Immunogen Information :	A monomethyl-peptide corresponding to Monomethyl-Histone H3 (Lys56)

Product Info

Amount :	100 µg
Purification :	Protein A affinity purified from an animal origin-free culture supernatant
Content :	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage condition :	Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Clone RM180 reacts to Histone H3 monomethylated at Lysine 56 (K56me1). No cross reactivity with nonmodified Lysine 56 or other methylations in histone H3. Western Blot: 1 Ã□Âµg/ml Ã□â□□ 2 Ã□Âµg/ml; ELISA: 0.2 Ã□Âµg/ml - 1 Ã□Âµg/ml; Multiplex: 0.1 Ã□Âµg/ml Ã□â□□ 0.5 Ã□Âµg/ml.

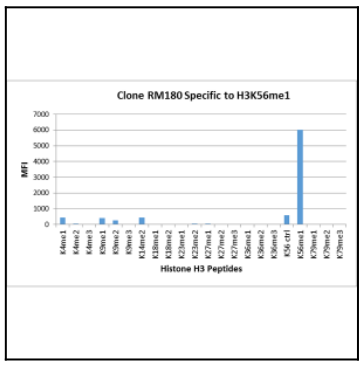

Figure 1: Clone: RM180 specifically reacts to Histone H3 monomethy- lated at Lysine 56 (K56me1). No cross reactivity with nonmodified Lysine 56 (K56Ctrl), or other methylationsin histone H3.

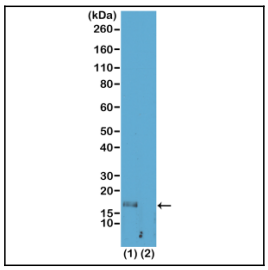

Figure 2: Western Blot of acid extracts of HeLa cells (1) andrecombinant histone H3.3 (2), using Clone: RM180 at 1 µg/ml, showed a band of histone H3 monomethylated at Lysine 56 (K56me1) in HeLa cells.