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10-9552: Recombinant Rabbit Monoclonal Antibody to Dimethylated Histone H3 Lysine 14, H3K14me2 (Clone: RM165)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM165
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 dimethyl-peptide corresponding to Dimethyl-Histone H3 (Lys14).

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 RM165 reacts to Histone H3 dimethylated at Lysine 14 (K14me2). No cross reactivity with monomethylated Lysine 14 (K14me1), trimethylated Lysine 14 (K14me3), or other methylations in histone H3. Western Blot: 0.25 Ã□Âµg/ml Ã□â□□ 1 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.

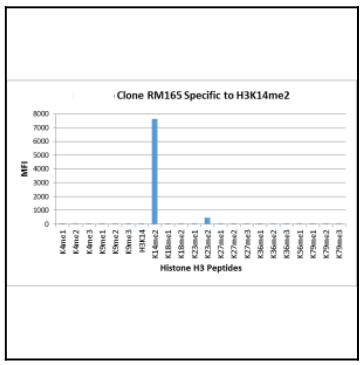

Figure 1: Clone: RM165 specifically reacts to Histone H3 dimethylatedat Lysine 14 (K14me2). No cross reactivity with non-modified Lysine 14 (H3K14), monomethylated Lysine14 (K14me1), trimethylated Lysine 14 (K14me3), or other methylations in Histone H3.

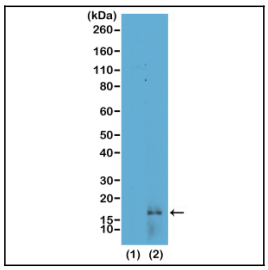

Figure 2: Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using Clone: RM165 at 0.25 µg/ml, showed a band of histone H3 dimethylated at Lysine 14 (K14me2) in HeLa cells.