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10-9580: Recombinant Rabbit Monoclonal Antibody to Acetyl-Histone H2AZ (Lys7) (Clone: RM222)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM222
Application :	WB,ELISA,Multiplex,ICC
Reactivity :	All Species
Gene :	H2AFZ
Gene ID :	3015
Uniprot ID :	P0C0S5
Format :	Purified
Alternative Name :	H2AFZ, H2AZ
Isotype :	Rabbit IgG
Immunogen Information :	An acetyl-peptide corresponding to Acetyl-Histone H2A.Z (Lys7)

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 RM222 reacts to Histone H2A.Z acetylated at Lysine 7 (K7ac). No cross reactivity with non-modified Lysine 7 or other acetylated Lysines in histone H2A. Western Blot: 0.5 Ã□Âµg/ml Ã□â□□ 2 Ã□Âµg/ml; ELISA: 0.2 Ã□Âµg/ml - 1 Ã□Âµg/ml; Multiplex: 0.05 Ã□Âµg/ml Ã□â□□ 0.5 Ã□Âµg/ml; Immunocytochemistry: 1 Ã□Âµg/ml- 2 Ã□Âµg/ml.

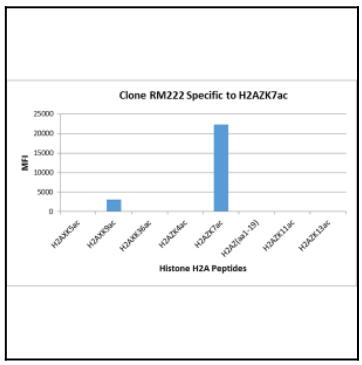

Figure 1: Clone: RM222 specifically reacts to Histone H2A.Z acetylatedat Lysine 7 (K7ac). No cross reactivity with non-modifiedLysine 7 or other acetylated Lysines in histone H2A.

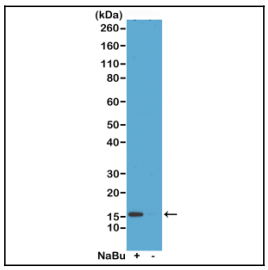

Figure 2: Western Blot of acid extracts from HeLa cells treated (+) or untreated (-) with sodium butyrate,using Clone: RM222 at 0.5 µg/ml, showed a band of histone H2A.Z acetylated at Lysine 7 in treated HeLa.

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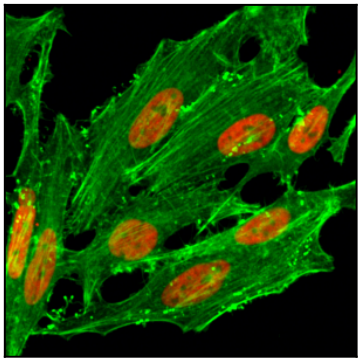

Figure 3: Immunocytochemical staining of HeLa cells treated with sodium butyrate, using anti-Acetyl-Histone H2A.Z (Lys7) Rabbit Monoclonal Antibody (Clone: RM222) (red). Actin filaments have been labeled with fluorescein phalloidin (green).