

10-9579: Recombinant Rabbit Monoclonal Antibody to Acetyl-Histone H2AZ (Lys4) (Clone: RM221)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM221
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 (Lys4)

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 RM221 reacts to Histone H2A.Z acetylated at Lysine 4 (K4ac). No cross reactivity with non-modified Lysine 4 or other acetylated Lysines in histone H2A Western Blot: 0.5 Åµg/ml Å²Å² 2 Å²Åµg/ml; ELISA: 0.2 Å²Åµg/ml - 1 Å²Åµg/ml; Multiplex: 0.05 Å²Åµg/ml Å²Å² 0.5 Å²Åµg/ml; Immunocytochemistry: 1 Å²Åµg/ml- 2 Å²Åµg/ml.

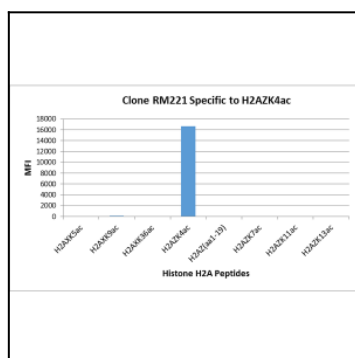


Figure 1: Clone: RM221 specifically reacts to Histone H2A.Z acetylated at Lysine 4 (K4ac). No cross reactivity with non-modified Lysine 4 or other acetylated Lysines in histone H2A.

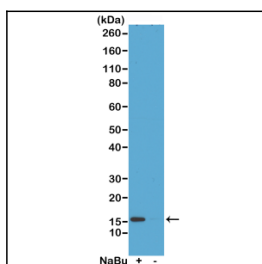


Figure 2: Western Blot of acid extracts from HeLa cells treated (+) or untreated (-) with sodium butyrate, using Clone: RM221 at 0.5 µg/ml, showed a band of histone H2A.Z acetylated at Lysine 4 in treated HeLa.

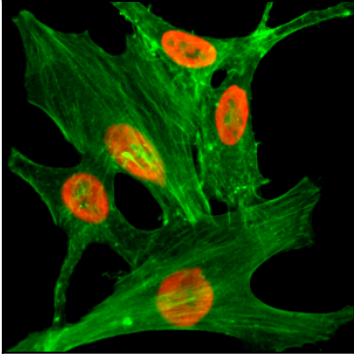


Figure 3: Immunocytochemical staining of HeLa cells treated with sodium butyrate, using anti-Acetyl-Histone H2A.Z (Lys4) Rabbit Monoclonal Antibody (Clone: RM221) (red). Actin filaments have been labeled with fluorescein phalloidin (green).