

## 10-9582: Recombinant Rabbit Monoclonal Antibody to Acetyl-Histone H2B (Lys23) (Clone: RM260)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM260
<b>Application :</b>	WB,ELISA,Multiplex,ICC
<b>Reactivity :</b>	Human
<b>Gene :</b>	HIST1H2BB
<b>Gene ID :</b>	3018
<b>Uniprot ID :</b>	P33778
<b>Format :</b>	Purified
<b>Alternative Name :</b>	HIST1H2BB, H2BFF
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	An acetyl-peptide corresponding to Acetyl-Histone H2B (Lys23).

### Product Info

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

### Application Note

Clone RM260 reacts to Histone H2B acetylated at Lysine 23 (K23ac). No cross reactivity with other acetylated Lysines in histones. Western Blot: 0.5 µg/ml - 2 µg/ml; ICC: 0.5 µg/ml - 2 µg/ml; ELISA: 0.2 µg/ml - 1 µg/ml; Multiplex: 0.1 µg/ml - 0.5 µg/ml.

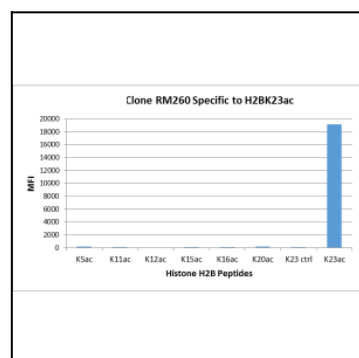


Figure 1: Clone: RM260 specifically reacts to Histone H2B acetylated at Lysine 23 (K23ac). No cross reactivity with acetylated Lysine 5 (K5ac), Lysine 11 (K11ac), Lysine 12 (K12ac), Lysine 15 (K15ac), Lysine 20 (K20ac), or non-modified Lysine 23 in histone H2B.

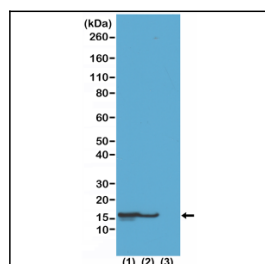


Figure 2: Western Blot of (1) acid extracts of HeLa cells treated with sodium butyrate, (2) acid extracts of HeLa cells untreated, and (3) recombinant Histone H2B, using Acetyl-Histone H2B (Lys23) rabbit monoclonal antibody (Clone: RM260) at 0.5 µg/ml.

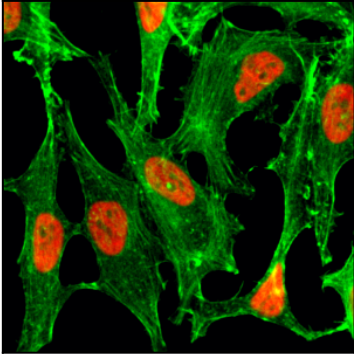


Figure 3: Immunocytochemistry of HeLa cells treated with sodium butyrate, using Acetyl-Histone H2B (Lys23) rabbit monoclonal antibody (Clone: RM260) (red). Actin filaments have been labeled with fluorescein phalloidin (green).