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# 10-9581: Recombinant Rabbit Monoclonal Antibody to Acetyl-Histone H2B (Lys20) (Clone: RM235)(Discontinued)

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|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | RM235 |
| **Application :** | WB,ELISA,Multiplex,ICC |
| **Reactivity :** | Human |
| **Gene :** | HIST1H2BB |
| **Gene ID :** | 3018 |
| **Uniprot ID :** | P33778 |
| **Format :** | Purified |
| **Alternative Name :** | HIST1H2BB, H2BFF |
| **Isotype :** | Rabbit IgG |
| **Immunogen Information :** | An acetyl-peptide corresponding to Acetyl-Histone H2B (Lys20). |

## Product Info

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|---|---|
| **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 RM235 reacts to Histone H2B acetylated at Lysine 20 (K20ac). No cross reactivity with non-modified Lysine 20 or other acetylated Lysines in histone H2B. Western Blot: 0.5 Ã□Âµg/ml Ã□â□□ 2 Ã□Âµg/ml; ELISA: 0.2 Ã□Âµg/ml - 1 Ã□Âµg/ml; Multiplex: 0.1 Ã□Âµg/ml Ã□â□□ 0.5 Ã□Âµg/ml; Immunocytochemistry: 1 Ã□Âµg/ml- 2 Ã□Âµg/ml.

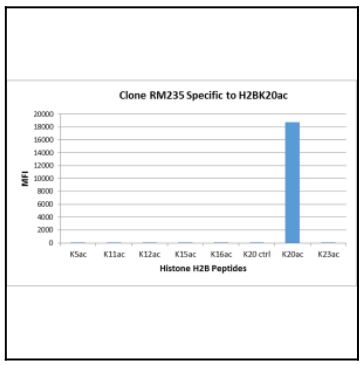


Figure 1: Clone: RM235 specifically reacts to Histone H2B acetylatedat Lysine 20 (K20ac). No cross reactivity with non- modified Lysine 20 or other acetylated Lysines in histone H2B.

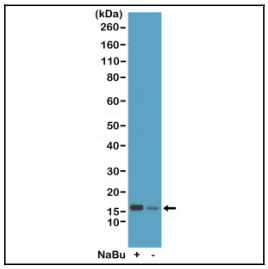


Figure 2: Western Blot of acid extracts from HeLa cells treated (+) or untreated (-) with sodium butyrate,using Clone: RM235 at 0.5 µg/ml.

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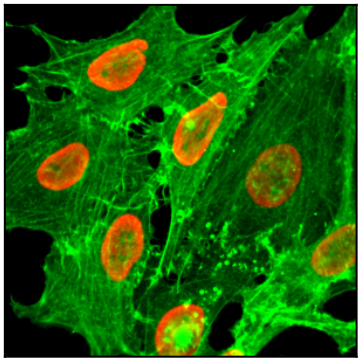

Figure 3: Immunocytochemical staining of HeLa cells treated with sodium butyrate, using anti-Acetyl-Histone H2B (Lys20) Rabbit Monoclonal Antibody (Clone: RM235) (red). Actin filaments have been labeled with fluorescein phalloidin (green).