

RevMAb Biosciences USA, Inc. 870 Dubuque Ave, South San Francisco, CA 94080, USA

Certificate of Analysis

Product: Rabbit Monoclonal Antibody

Anti-Acetyl-Histone H2B (Lys23) Rabbit Monoclonal

Antibody, Clone RM260

Catalog No.: 31-1141-00

Lot No.:

Clone RM260

Specificity This antibody reacts to Histone H2B acetylated at Lysine

23 (K23ac). No cross reactivity with other acetylated

Lysines in histones.

Application: Western Blot, Immunocytochemistry, ELISA, Multiplex

Immunogen: An acetyl-peptide corresponding to Acetyl-Histone H2B

(Lys23).

Purity: Protein A affinity purified from an animal origin–free

culture supernatant

Concentration: 1.0 mg/mL

Buffer: 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide

Usage: WB: 0.5 μg/mL - 2 μg/mL;

ICC: $0.5~\mu g/mL - 2~\mu g/mL$; ELISA: $0.2~\mu g/mL - 1~\mu g/mL$; Multiplex: $0.1~\mu g/mL - 0.5~\mu g/mL$.

Storage and

Stability:

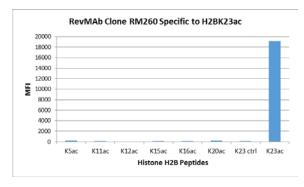
Stable for 1 Year at -20.0°C from date of receipt.

Country of Origin: U.S.A.

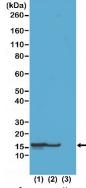
Intended Use:

For Research Use Only Not for Diagnostic or

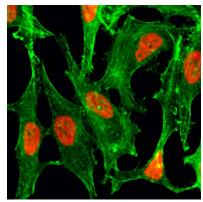
Therapeutic Use



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-mordified Lysine 23 in histone H2B.



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 (RM260) at 0.5 µg/mL.



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