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## 10-9583: Recombinant Rabbit Monoclonal Antibody to Phospho-Histone H2B (Ser14) (Clone: RM238)(Discontinued)

Clonality: Monoclonal Clone Name: RM238

**Application :** ELISA,WB,Multiplex

Reactivity: Human
Gene: HIST1H2BB

 Gene ID :
 3018

 Uniprot ID :
 P33778

 Format :
 Purified

Alternative Name: HIST1H2BB, H2BFF

**Isotype:** Rabbit IgG

Immunogen Information: A phospho-peptide corresponding to Phospho-Histone H2B (Ser14).

## **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 RM238 reacts to Histone H2B only when phosphorylated at serine 14. No cross reactivity with other phosphorylated histones. Western Blot: 0.5  $\mu$ g/ml - 2  $\mu$ g/ml; ICC: 1  $\mu$ g/ml - 2  $\mu$ g/ml; ELISA: 0.2  $\mu$ g/ml - 1  $\mu$ g/ml; Multiplex: 0.1  $\mu$ g/ml - 1  $\mu$ g/ml.

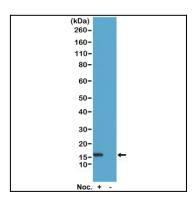


Figure 1: Western Blot of acid extracts of HeLa cells treated or non-treated with Nocodazole. Using Clone: RM238 at 0.5  $\mu$ g/ml, showed a band of Histone H2B phosphorylated at Serine 14 in HeLa cells.



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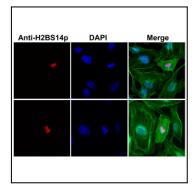


Figure 2: Immunocytochemistry of HeLa cells using Anti-Phospho-Histone H2B (Ser14) Rabbit mAb Clone: RM238 (red) and DAPI (blue). Actin filaments have been labeled with fluorescein phalloidin (green).