

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM238
<b>Application :</b>	ELISA,WB,Multiplex
<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>	A phospho-peptide corresponding to Phospho-Histone H2B (Ser14).

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

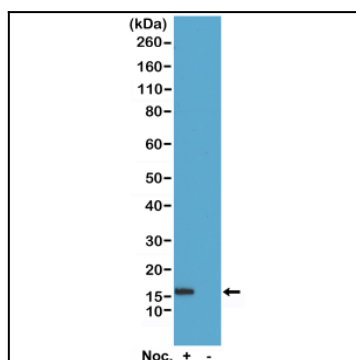


Figure 1: Western Blot of acid extracts of HeLa cells treated or non-treated with Nocodazole. Using Clone: RM238 at 0.5 µg/ml, showed a band of Histone H2B phosphorylated at Serine 14 in HeLa cells.

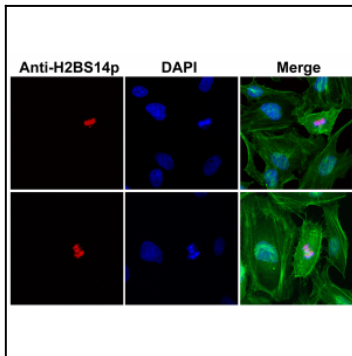


Figure 2: Immunocytochemistry of HeLa cells using Anti-Phospho-Histone H2B (Ser14) Rabbit mAb Clone: RM238 (red) and DAPI (blue). Actin filaments have been labeled with fluorescein phalloidin (green).