

Anti-Phospho-Histone H2B (Ser14) HIST1H2BB Rabbit Monoclonal Antibody, Clone#RM238

Catalog Number: P12718-1

Overview

Product Name	Anti-Phospho-Histone H2B (Ser14) HIST1H2BB Rabbit Monoclonal Antibody, Clone#RM238
Reactive Species	Human, Vertebrates
Description	Boster Bio Anti-Phospho-Histone H2B (Ser14) HIST1H2BB Rabbit Monoclonal Antibody, Clone#RM238 (Catalog # P12718-1). Tested in WB, ICC, ELISA, Luminex applications. This antibody reacts with Human, Vertebrates.
Application	ELISA, ICC, WB, Luminex
Clonality	Monoclonal RM238
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P33778

Technical Details

Immunogen	A phospho-peptide corresponding to Phospho-Histone H2B (Ser14).
Cross Reactivity	This antibody reacts to Histone H2B only when phosphorylated at serine 14. No cross-reactivity with other phosphorylated histones.
Isotype	Rabbit IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 0.5 ug/mL - 2 ug/mL</p> <p>ICC: 1 ug/mL - 2 ug/mL</p> <p>ELISA: 0.2 ug/mL - 1 ug/mL</p> <p>Luminex: 0.1 ug/mL - 1 ug/mL.</p>

Anti-Phospho-Histone H2B (Ser14) HIST1H2BB Rabbit Monoclonal Antibody, Clone#RM238 (P12718-1) Images

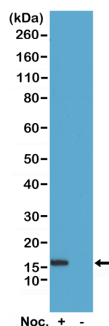


Figure 1. Western Blotting result
Western Blot of acid extracts of HeLa cells treated or non-treated with Nocodazole. Using RM238 at 0.5 ug/mL, showed a band of Histone H2B phosphorylated at Serine 14 in HeLa cells.

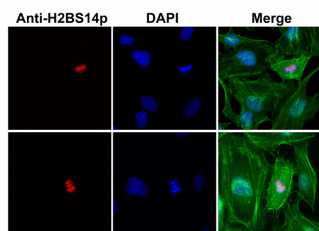


Figure 2. ICC result
Immunocytochemistry of HeLa cells using Anti-Phospho-Histone H2B (Ser14) Rabbit mAb RM238 (red) and DAPI (blue). Actin filaments have been labeled with fluorescein phalloidin (green).

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