

Anti-Histone H2AX H2AFX Rabbit Monoclonal Antibody, Clone#RM214

Catalog Number: M00241-2

Overview

Product Name	Anti-Histone H2AX H2AFX Rabbit Monoclonal Antibody, Clone#RM214
Reactive Species	Vertebrates
Description	Boster Bio Anti-Histone H2AX H2AFX Rabbit Monoclonal Antibody, Clone#RM214 (Catalog # M00241-2). Tested in WB, ICC, ELISA, Luminex applications. This antibody reacts with Vertebrates.
Application	ELISA, ICC, WB, Luminex
Clonality	Monoclonal RM214
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	P16104

Technical Details

Immunogen	A peptide corresponding to the C-terminus of human Histone H2AX
Cross Reactivity	This antibody reacts to Histone H2AX protein, independent of post-translational modifications. No cross-reactivity with other histone proteins. .
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: 0.2 ug/mL – 1 ug/mL.</p>

Anti-Histone H2AX H2AFX Rabbit Monoclonal Antibody, Clone#RM214 (M00241-2) Images

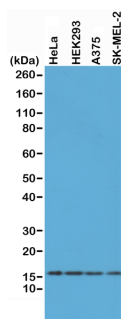


Figure 1. Western Blotting result
Western Blot of HeLa, HEK293, A375, and SK-MEL-2 whole cell lysates, using RM214 at 0.5 ug/mL, showed endogenous Histone H2AX in HeLa, HEK293, A375, and SK-MEL-2 cells.

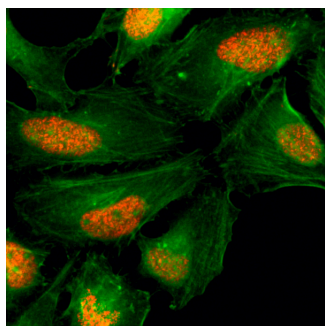


Figure 2. ICC result
Immunocytochemistry of HeLa cells, using Histone H2AX Rabbit mAb RM214 (red). Actin filaments have been labeled with fluorescein phalloidin (green).

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