

Anti-Histone H2A HIST1H2AB Rabbit Monoclonal Antibody, Clone#RM225

Catalog Number: M16777-4

Overview

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| Product Name | Anti-Histone H2A HIST1H2AB Rabbit Monoclonal Antibody, Clone#RM225 |
| Reactive Species | Vertebrates |
| Description | Boster Bio Anti-Histone H2A HIST1H2AB Rabbit Monoclonal Antibody, Clone#RM225 (Catalog # M16777-4). Tested in WB, ICC, ELISA, Luminex applications. This antibody reacts with Vertebrates. |
| Application | ELISA, ICC, WB, Luminex |
| Clonality | Monoclonal RM225 |
| 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 | P04908 |

Technical Details

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| Immunogen | A peptide corresponding to the C-terminus of human Histone H2A |
| Cross Reactivity | This antibody reacts to the Histone H2A 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 H2A HIST1H2AB Rabbit Monoclonal Antibody, Clone#RM225 (M16777-4) Images

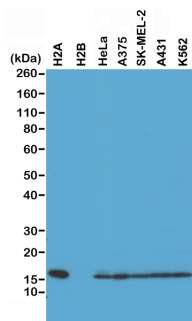


Figure 1. Western Blotting result
Western Blot of recombinant Histone H2A, H2B, the whole cell lysates of HeLa, A375, SK-MEL-2, A431, and K562, using RM225 at 0.5 ug/mL

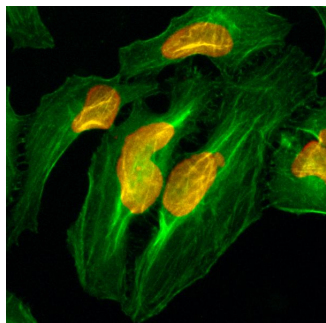


Figure 2. ICC result
Immunocytochemistry of HeLa cells, using Histone H2A Rabbit mAb RM225 (red). Actin filaments have been labeled with fluorescein phalloidin (green).

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