# Anti-Histone H2B antibody (47-126) [S2MR] (STJ11103152)

## GENERAL INFORMATION

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| Product Type | Primary antibodies |
| Applications | WB/IHC-P/ELISA |
| Host / Source | Rabbit |
| Reactivity | Human/Mouse/Rat/Other |

## PRODUCT PROPERTIES

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|---|---|
| Clonality | Monoclonal |
| Concentration | Lot specific |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB:1:500-1:1000<br>IHC-P:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation | PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3. |
| Isotype | IgG |
| Molecular Weight | Protein Mw: 14kDa<br>Observed Mw: 17kDa |
| Storage Instruction | Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

## TARGET INFORMATION

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|---|---|
| Gene ID | 8349<br>3017/8339/8343/8344/8346/8347 |
| Gene Symbol | H2BC21<br>H2BC4.H2BC6.H2BC7.H2BC8.H2BC10 |
| UniProt ID | H2B2E_HUMAN<br>H2B1C_HUMAN |
| Immunogen Region | 47-126 |
| Immunogen Sequence | KQVHPDTGISSKAMGIMNSF VNDIFERIAGEASRLAHYNK RSTITSREIQTAVRLLLPGE LAKHAVSEGTKAVTKYTSAK |
| Specificity | A synthetic peptide corresponding to a sequence within amino acids 47-126 of human Histone H2B (O60814). |

## ADDITIONAL INFORMATION

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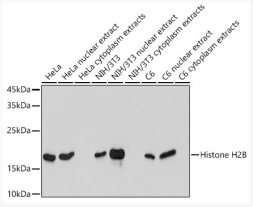
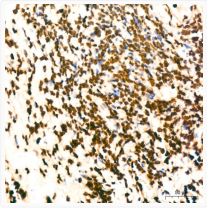
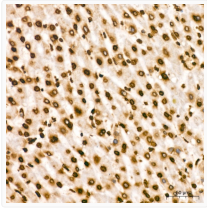
|---|---|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |



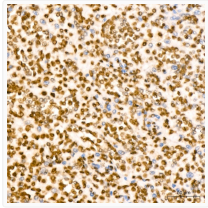

Western blot analysis of extracts of various cell lines, using Histone H2B antibody (STJ11103152) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.



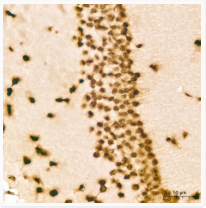
Immunohistochemistry analysis of Histone H2B in paraffin-embedded human cervix cancer tissue using Histone H2B rabbit monoclonal antibody (STJ11103152) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M Tris-EDTA buffer (pH 9. 0) prior to immunohistochemistry staining.



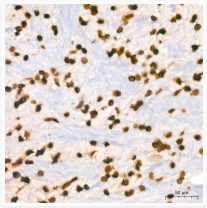
Immunohistochemistry analysis of Histone H2B in paraffin-embedded human liver tissue using Histone H2B rabbit monoclonal antibody (STJ11103152) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M Tris-EDTA buffer (pH 9. 0) prior to immunohistochemistry staining.



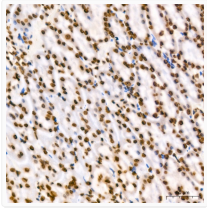
Immunohistochemistry analysis of Histone H2B in paraffin-embedded human spleen tissue using Histone H2B rabbit monoclonal antibody (STJ11103152) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M Tris-EDTA buffer (pH 9. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Histone H2B in paraffin-embedded mouse brain tissue using Histone H2B rabbit monoclonal antibody (STJ11103152) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M Tris-EDTA buffer (pH 9. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Histone H2B in paraffin-embedded rat brain tissue using Histone H2B rabbit monoclonal antibody (STJ11103152) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M Tris-EDTA buffer (pH 9. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Histone H2B in paraffin-embedded rat kidney tissue using Histone H2B rabbit monoclonal antibody (STJ11103152) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M Tris-EDTA buffer (pH 9. 0) prior to immunohistochemistry staining.