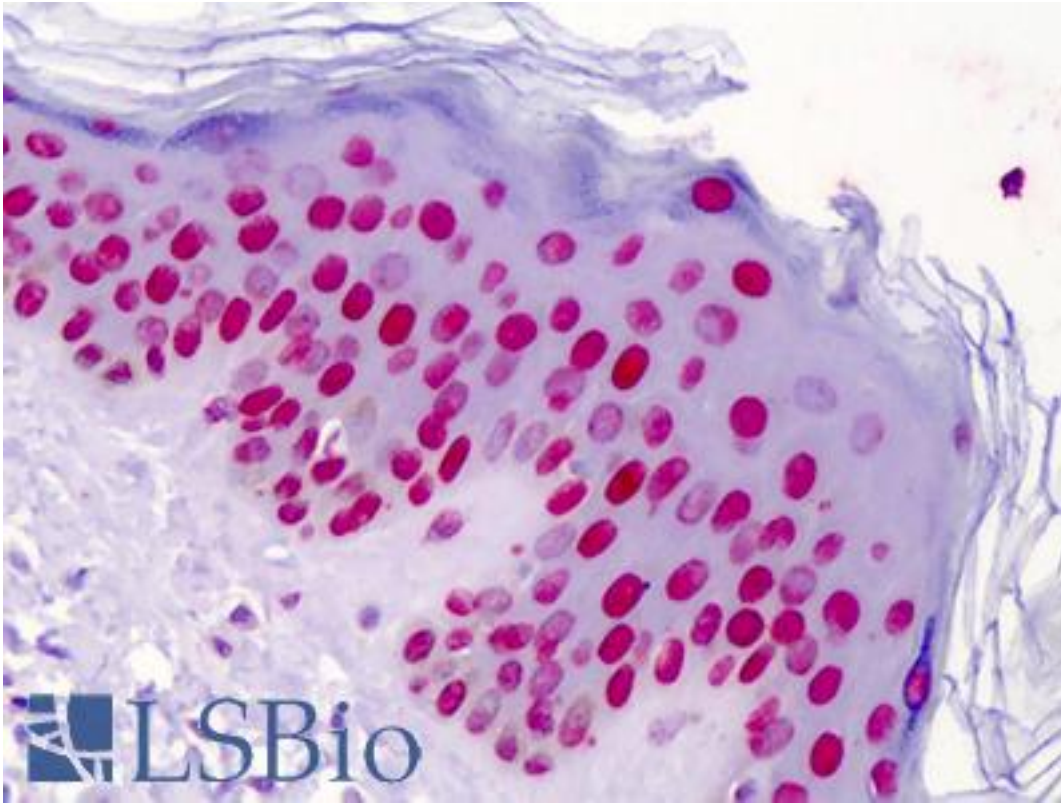


| Histone H4 Mouse anti-Human Monoclonal (Dimethyl-Lys20) Antibody - LS-B5032 - LSBio | |
|---|---|
| CatalogID: | LS-B5032 |
| Validation: | This antibody replaces catalog number LS-C24397. It has been validated for use in the following assays: IHC-P. |
| Target: | Histone H4 |
| Host | Histone H4 antibody was produced in Mouse |
| Clonality: | Monoclonal |
| Isotype: | IgG1 |
| Immunogen Species: | Histone H4 antibody was raised against Human |
| Antigen Type: | Synthetic peptide |
| Immunogen: | Histone H4 antibody was raised against kLH-conjugated, synthetic peptide corresponding to amino acids 17-28 (RHR[dimeK] VLRDNIQGC) of human histone H4. |
| Specificity: | Recognizes methyl-Histone H4, Mr 10kD. Species cross-reactivity: Human, mouse, rat, and bovine. Broad species Cross-reactivity predicted based on conservation of sequence. Does not cross-react with yeast or Tetrahymena. |
| Epitope: | Dimethyl-Lys20 |
| Reactivity: | Human, Mouse, Rat, Bovine |
| Purification: | Protein G purified |
| Presentation: | PBS. Sourced in Ascites. |
| Recommended Storage: | May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for at least 12 months |
| Usage Summary: | Suitable for use in Western Blot, Immunoprecipitation and Immunohistochemistry. Western Blot: 0.01-0.1 ug/ml detects methyl-histone H4 in HeLa acid extracts. Minimal cross-reactivity with unmethylated recombinant Histone H4 is observed if used at these concentrations. Immunohistochemistry: stains Drosophila polytene chromosomes as reported by an independent laboratory. Immunoprecipitation: Immunoprecipitates methyl-Histone H4 from HeLa cell lysates. |
| Uses: | IHC - Paraffin (5 µg/ml), Western blot (0.01 - 0.1 µg/ml), Immunoprecipitation (Optimal dilution to be determined by the researcher) |
| Size: | 50 µg |
| Concentration: | 1 mg/ml |

Immunohistochemistry Image:



Anti-Histone H4 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5032 concentration 5 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/24/2014

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