

A0032

Leader in Biomolecular Solutions for Life Science



Formyl-Histone H2B-K108 Rabbit mAb

Catalog No.: A0032 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

14kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat,Other (Wide Range
Predicted)

CloneNo number


ARC2492

Recommended Dilutions

IHC-P 1:50 - 1:200

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Contact

 www.abclonal.com

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-dependent histone that is a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. The protein has antibacterial and antifungal antimicrobial activity.

Immunogen Information

Gene ID

3017/8349

Swiss Prot

P62807/Q16778

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

H2B; H2BE; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105; H2B-GL105; HIST2H2BE; Formyl-Histone H2B-K108

Product Information

Source

Rabbit

Isotype

IgG

Purification

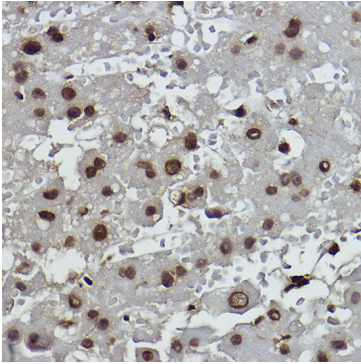
Affinity purification

Storage

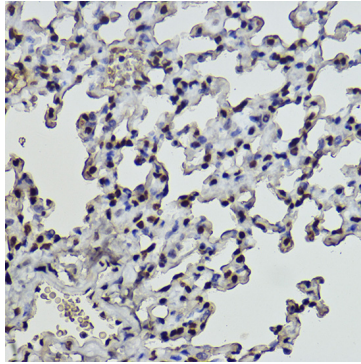
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

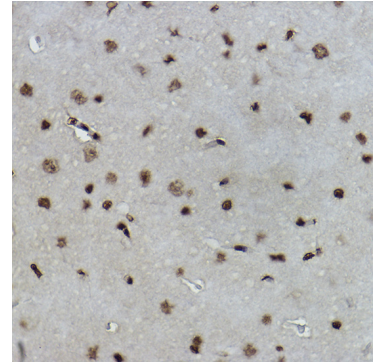
Validation Data



Immunohistochemistry analysis of paraffin-embedded Human liver using Formyl-Histone H2B-K108 Rabbit mAb (A0032) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using Formyl-Histone H2B-K108 Rabbit mAb (A0032) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Formyl-Histone H2B-K108 Rabbit mAb (A0032) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.