

Product Name: Histone H1.0 Rabbit Monoclonal Antibody**Catalog #: AMRe85648**

For research use only.

Summary

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|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC |
| Reactivity | Human,Rat,Hamster |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000,IHC 1:50-1:100 |
| Molecular Weight | Calculated MW: 21 kDa; Observed MW: 30 kDa |

Antigen Information

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|--------------------------|---|
| Gene Name | Histone H1.0 |
| Alternative Names | Histone H1.0; Histone H1(0); Histone H1.0; N-terminally processed; H1F0; H1FV; Histone H5 |
| Gene ID | 3005.0 |
| SwissProt ID | P07305 |
| Immunogen | A synthetic peptide of human Histone H1.0 |

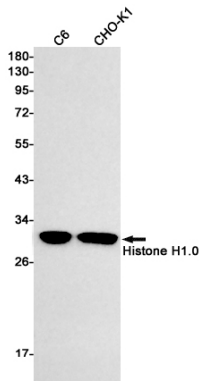
Background

Histone H1.0 is a lysine rich member of the H1 family of linker histones. The H1 family of proteins interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structures. The H1F0 histones are found in cells that are in terminal stages of

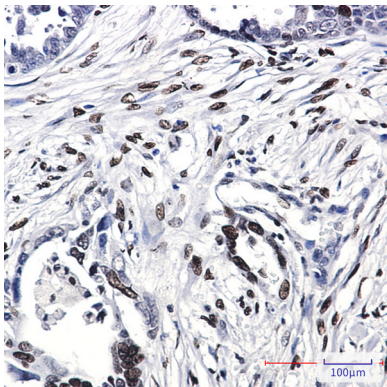
differentiation or that have low rates of cell division.

Research Area

Image Data



Western blot analysis of Histone H1.0 in C6, CHO-K1 lysates using Histone H1.0 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Histone H1.0 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.