

## HISTONE H1.0 RABBIT MAB

**Cat.#:** N262326

**Product Name:** Anti-Histone H1.0 Rabbit Monoclonal Antibody

**Synonyms:** Histone H1.0; Histone H1(0); Histone H1.0; N-terminally processed; H1F0; H1FV; Histone H5

**UNIPROT ID:** P07305

**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.

**Immunogen:** A synthetic peptide of human Histone H1.0

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R07-0E8

**MW:** Calculated MW: 21 kDa; Observed MW: 30 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Rat,Hamster

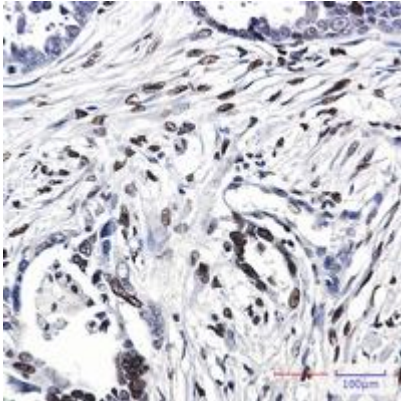
**Conjugation:** Unconjugated

**Modification:** Unmodified

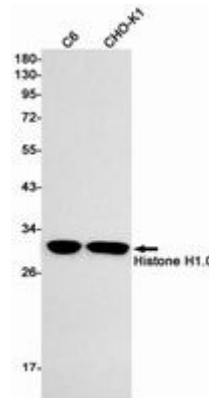
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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.



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