

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **HISTONE H1.3 RABBIT MAB**

Cat.#: N262328

**Product Name:** Anti-Histone H1.3 Rabbit Monoclonal Antibody

**Synonyms:** Histone Hlc; Histone Hls-2

**UNIPROT ID:** P16402

**Background:** Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation .

**Immunogen:** A synthetic peptide of human Histone H1.3

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R09-8H7

MW: Calculated MW: 22 kDa; Observed MW: 30 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

**Conjugation:** Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

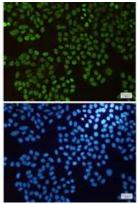
Research Areas: Epigenetics and Nuclear Signaling

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

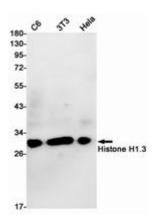


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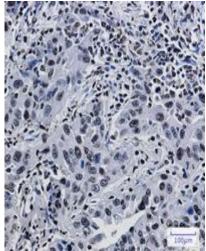
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Immunocytochemistry analysis of Histone H1.3(green) in Hela using Histone H1.3 antibody,and DAPI(blue)



Western blot analysis of Histone H1.3 in C6, 3T3, Hela lysates using Histone H1.3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Histone H1.3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.