

HISTONE H1.3 RABBIT MAB

Cat.#: N262328

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

Synonyms: Histone H1c; Histone H1s-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

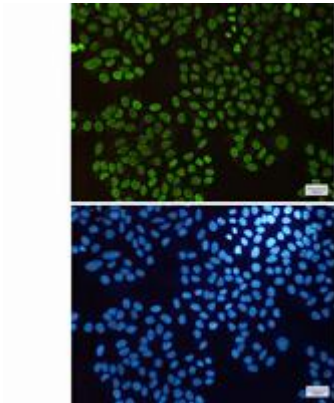
Conjugation: Unconjugated

Modification: Unmodified

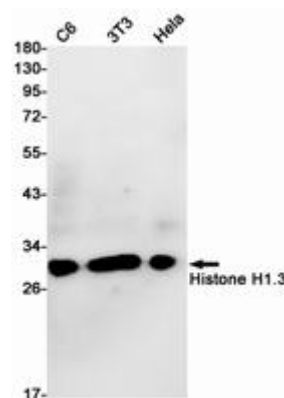
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

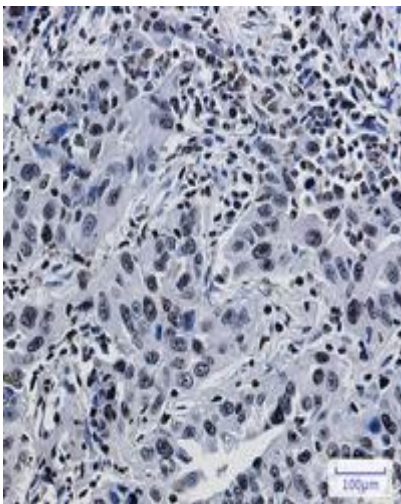
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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.